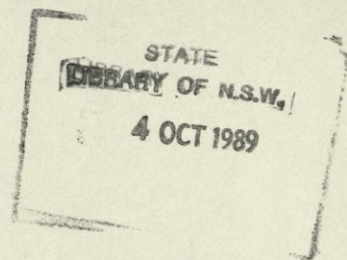


VERTICAL
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Queensland



**Australian
Bureau of
Statistics**

THE LABOUR FORCE

AUGUST 1989

Catalogue No. 6201.3

THE LABOUR FORCE, QUEENSLAND, AUGUST 1989

PHONE INQUIRIES	For information about these statistics please contact Bevin Morris on Brisbane (07) 222 6029. For other inquiries, including copies of publications, please contact Information Services on Brisbane (07) 222 6351.
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NOTES

This publication contains estimates of the civilian labour force, including estimates for Queensland regions, derived from the labour force survey part of the monthly population survey.

Explanatory Notes are located at the back of this publication.

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27 September 1989

SUMMARY OF FINDINGS

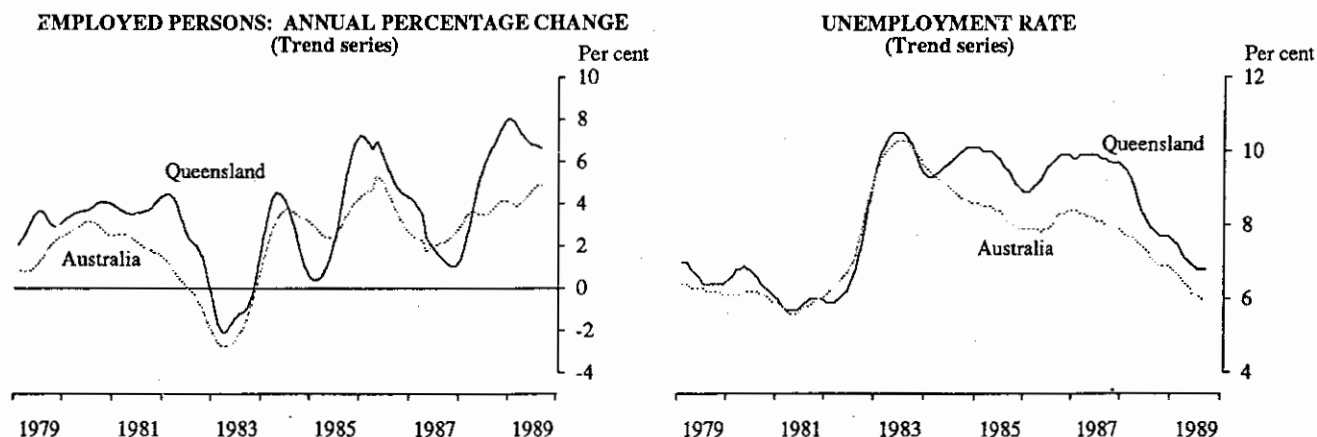
Seasonally adjusted, employment in Queensland rose by 4,500 persons (0.4 per cent) in August 1989, while the labour force increased by 8,000 persons (0.6 per cent) from July 1989 levels. This resulted in a slight rise in the unemployment rate to 7.0 per cent from 6.7 per cent. For Australia, August 1989 employment rose 0.7 per cent, the labour force increased 0.4 per cent and the unemployment rate decreased to 5.9 per cent from 6.1 per cent.

Results at a Glance – Seasonally Adjusted

Particulars	Unit	August 1988	June 1989	July 1989	August 1989	Annual percentage change
Employed	'000	1,204.2	1,280.3	1,281.8	1,286.3	+ 6.8
Unemployed	'000	100.4	92.2	92.7	96.2	- 4.2
Unemployment rate	%	7.7	6.7	6.7	7.0	- 9.1
Participation rate	%	61.9	63.2	63.2	63.3	+ 2.3
Labour force	'000	1,304.6	1,372.5	1,374.5	1,382.5	+ 6.0

Trend Series

Trend series data charted below show employment growth in Queensland continues above Australian levels. Employment in Queensland increased by 6.6 per cent in the twelve months to August 1989 compared with a 4.9 per cent increase for Australia. The trend series unemployment rate for Queensland has exceeded the Australian rate since March 1984, although the gap has narrowed to between 0.7 and 0.8 percentage points since June 1988. The August 1989 trend series unemployment rate was 6.8 per cent for Queensland and 6.0 per cent for Australia.



Regional Estimates

The unemployment rate in August 1989 was 5.9 per cent for the Brisbane Statistical Division (BSD) and 7.2 per cent for the Balance of Queensland. Participation rates were 63.8 per cent and 62.0 per cent, respectively.

Brisbane City had the lowest unemployment rate in the BSD with 5.8 per cent for Brisbane City Inner and 4.5 per cent for Brisbane City Outer. The region South and East BSD Balance, which includes Logan City, Redland Shire and parts of Beaudesert and Albert Shires, had the highest unemployment rate, 8.0 per cent, in the BSD. This region also had the highest participation rate in the State at 69.9 per cent.

Outside the BSD, unemployment rates were highest in the North and West Moreton and Wide Bay–Burnett regions at 10.0 per cent and 10.6 per cent, respectively. These areas had the lowest participation rates in Queensland at 56.8 per cent and 54.4 per cent, respectively.

Youth Estimates

The number of 15 to 19 year olds in the labour force in Queensland rose by 3,100 from July to 154,800 persons in August 1989. This, combined with a 3,400 persons decrease in full-time employment, resulted in the unemployment rate rising from 13.1 per cent in July 1989 to 15.4 per cent in August 1989.

The group aged 20 to 24 years in the labour force also increased by 3,400 to 191,200 persons in August 1989. However, because there was a significant increase in part-time employment, up 4,500 persons to 25,700 in August 1989, the unemployment rate remained at 10.1 per cent in August 1989, the same as the July 1989 rate.

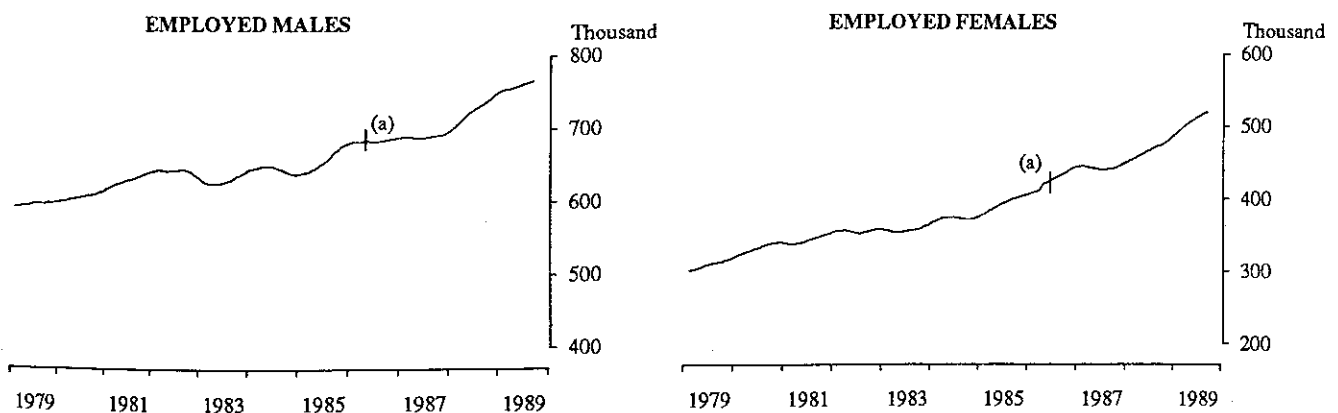
Employment and Unemployment Change for Selected Groups

In the original series the number of employed persons increased by 81,900 (6.8 per cent) in the last 12 months. Full-time employment accounted for 70 per cent of this increase. Unemployed persons decreased by 4,200 (4.4 per cent) during the same period. The summary table below shows, for various groups in Queensland, the employment and unemployment change in the year to August 1989.

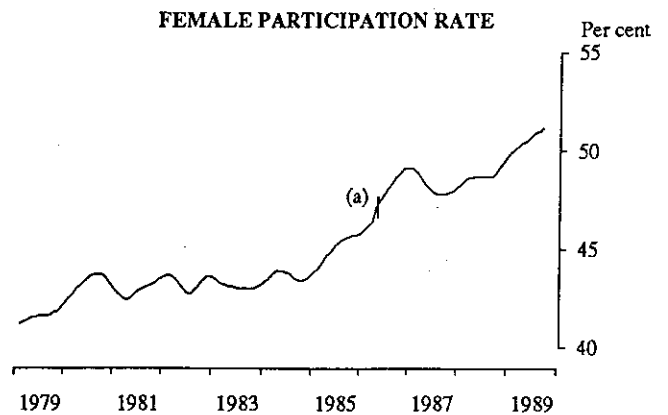
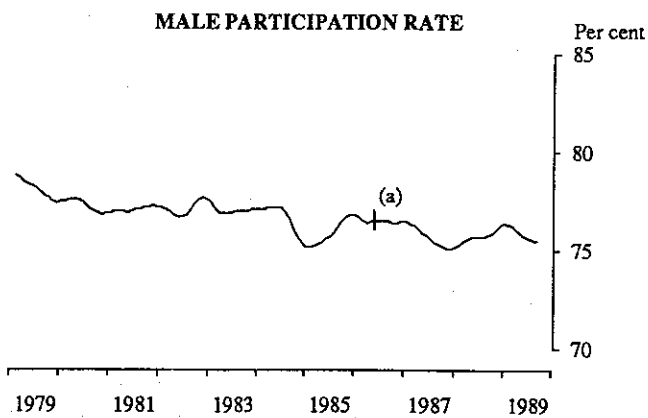
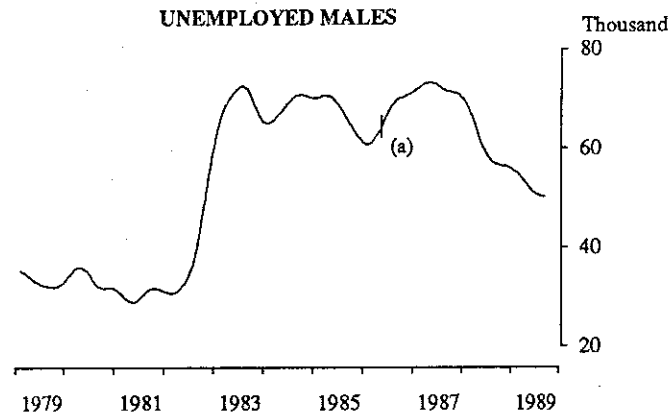
Particulars	Employed '000		Annual percentage change	Unemployed '000		Annual percentage change
	August 1988	August 1989		August 1988	August 1989	
Males	727.0	764.2	+ 5.1	55.1	49.3	- 10.5
Females	472.2	517.0	+ 9.5	39.5	41.2	+ 4.3
Married females	283.5	310.7	+ 9.6	15.9	15.8	- 0.6
Persons aged (years)						
15 - 19	127.8	131.0	+ 2.5	21.6	23.8	+ 10.2
20 - 24	163.2	171.9	+ 5.3	20.4	19.3	- 5.4
25 - 44	619.9	664.8	+ 7.2	36.2	33.2	- 8.3
45 and over	288.4	313.5	+ 8.7	16.4	14.2	- 13.4
Full-time workers	945.5	1,003.0	+ 6.1	..	..	..
Part-time workers	253.8	278.2	+ 9.6	..	..	..
Looking for full-time work	..	..	..	80.6	72.7	- 9.8
Looking for part-time work	..	..	..	14.0	17.7	+ 26.4
Selected industries						
Construction	103.2	115.0	+ 11.4	4.2	6.6	+ 57.1
Wholesale and retail trade	258.4	277.0	+ 7.2	15.8	14.4	- 8.9
Finance, property and business services	114.1	128.4	+ 12.5	3.1	4.3	+ 38.7
Community services	201.4	209.4	+ 4.0	5.4	5.0	- 7.4
Brisbane Statistical Division	555.5	603.2	+ 8.6	41.6	37.5	- 9.9
Balance of Queensland	643.8	678.0	+ 5.3	53.0	53.0	—
Queensland	1,199.3	1,281.2	+ 6.8	94.6	90.4	- 4.4

Major changes over the last year have been the 26 per cent increase in persons looking for part-time work (two-thirds of whom were females) and the movement of people to construction and finance, property and business services. There were significant increases in both persons employed in these industries and unemployed persons whose last job was in these industries.

TREND SERIES, QUEENSLAND



TREND SERIES, QUEENSLAND - continued



(a) Indicates break in series. Prior to April 1986 unpaid family helpers who worked 1 to 14 hours a week were defined as unemployed or not in the labour force. From April 1986 they were defined as employed persons.

TABLE 1 - LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

Month	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemploy- ment rate	Partici- pation rate
	Full-time	Total	Looking for full- time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
MALES									
1988 -									
June	668.9	727.1	52.5	56.6	783.7	253.6	1,037.3	7.2	75.6
July	678.5	731.9	49.3	53.5	785.4	254.9	1,040.3	6.8	75.5
August	669.9	727.0	50.6	55.1	782.1	261.2	1,043.3	7.0	75.0
September	678.9	741.4	52.0	58.0	799.4	246.9	1,046.3	7.3	76.4
October	683.2	743.0	44.5	49.9	792.8	256.5	1,049.3	6.3	75.6
November	688.3	747.5	43.9	49.1	796.6	255.7	1,052.3	6.2	75.7
December	702.2	758.8	49.4	56.8	815.5	239.9	1,055.4	7.0	77.3
1989 -									
January	696.6	747.4	55.5	61.5	808.9	249.6	1,058.5	7.6	76.4
February	695.2	749.5	55.3	63.0	812.5	249.1	1,061.5	7.8	76.5
March	699.8	754.1	47.3	54.5	808.7	256.0	1,064.6	6.7	76.0
April	701.8	754.9	46.5	53.4	808.3	259.8	1,068.1	6.6	75.7
May	708.3	763.7	42.9	50.5	814.2	257.4	1,071.6	6.2	76.0
June	708.5	764.9	45.2	49.5	814.3	260.7	1,075.1	6.1	75.7
July	710.0	765.4	43.8	48.6	814.0	264.4	1,078.4	6.0	75.5
August	701.2	764.2	43.1	49.3	813.5	268.3	1,081.7	6.1	75.2
FEMALES									
1988 -									
June	275.6	466.8	32.2	46.3	513.1	544.5	1,057.6	9.0	48.5
July	282.1	471.4	24.8	39.0	510.4	549.9	1,060.3	7.6	48.1
August	275.6	472.2	30.0	39.5	511.7	551.3	1,063.0	7.7	48.1
September	284.6	486.7	30.6	45.9	532.6	533.1	1,065.7	8.6	50.0
October	292.4	482.1	29.0	41.2	523.3	545.6	1,068.9	7.9	49.0
November	287.9	480.9	27.6	40.6	521.5	550.6	1,072.1	7.8	48.6
December	291.4	494.1	33.7	48.0	542.0	533.2	1,075.2	8.8	50.4
1989 -									
January	288.6	476.8	36.9	49.3	526.1	552.3	1,078.4	9.4	48.8
February	290.4	492.8	34.3	51.3	544.0	537.5	1,081.5	9.4	50.3
March	294.3	500.9	29.4	45.5	546.4	538.3	1,084.6	8.3	50.4
April	297.2	505.4	28.9	46.4	551.8	536.2	1,088.1	8.4	50.7
May	307.4	519.0	29.6	44.3	563.3	528.1	1,091.5	7.9	51.6
June	317.0	519.4	27.4	39.7	559.1	535.8	1,094.9	7.1	51.1
July	314.2	518.1	27.9	40.3	558.4	539.8	1,098.2	7.2	50.8
August	301.8	517.0	29.6	41.2	558.1	543.3	1,101.4	7.4	50.7
PERSONS									
1988 -									
June	944.5	1,194.0	84.7	102.9	1,296.8	798.1	2,094.9	7.9	61.9
July	960.6	1,203.3	74.1	92.5	1,295.8	804.8	2,100.6	7.1	61.7
August	945.5	1,199.3	80.6	94.6	1,293.9	812.4	2,106.3	7.3	61.4
September	963.5	1,228.1	82.6	103.9	1,332.0	780.0	2,112.0	7.8	63.1
October	975.6	1,225.0	73.5	91.1	1,316.1	802.1	2,118.2	6.9	62.1
November	976.1	1,228.5	71.5	89.7	1,318.1	806.3	2,124.4	6.8	62.0
December	993.6	1,252.8	83.1	104.7	1,357.6	773.1	2,130.6	7.7	63.7
1989 -									
January	985.3	1,224.2	92.4	110.8	1,335.0	801.8	2,136.8	8.3	62.5
February	985.7	1,242.2	89.6	114.3	1,356.5	786.6	2,143.0	8.4	63.3
March	994.1	1,255.1	76.7	100.0	1,355.0	794.2	2,149.3	7.4	63.0
April	999.0	1,260.3	75.4	99.8	1,360.1	796.0	2,156.1	7.3	63.1
May	1,015.8	1,282.7	72.5	94.8	1,377.5	785.5	2,163.1	6.9	63.7
June	1,025.4	1,284.3	72.6	89.2	1,373.5	796.5	2,170.0	6.5	63.3
July	1,024.2	1,283.5	71.7	88.9	1,372.4	804.2	2,176.6	6.5	63.1
August	1,003.0	1,281.2	72.7	90.4	1,371.6	811.6	2,183.2	6.6	62.8

TABLE 2 - LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

Month	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	'000	'000	'000	%	%
MALES					
1988 -					
June	724.9	58.6	783.4	7.5	75.5
July	730.4	55.5	786.0	7.1	75.6
August	730.1	57.1	787.2	7.3	75.5
September	737.7	60.8	798.5	7.6	76.3
October	744.0	53.6	797.6	6.7	76.0
November	747.7	55.0	802.6	6.8	76.3
December	750.5	55.8	806.2	6.9	76.4
1989 -					
January	754.7	55.8	810.6	6.9	76.6
February	756.5	57.2	813.8	7.0	76.7
March	752.6	50.7	803.3	6.3	75.5
April	754.5	52.4	806.9	6.5	75.5
May	762.6	49.8	812.4	6.1	75.8
June	762.6	51.2	813.7	6.3	75.7
July	764.0	50.4	814.4	6.2	75.5
August	767.3	51.1	818.3	6.2	75.6
FEMALES					
1988 -					
June	465.2	47.8	513.0	9.3	48.5
July	471.2	40.9	512.1	8.0	48.3
August	474.1	43.3	517.4	8.4	48.7
September	478.0	47.9	525.8	9.1	49.3
October	480.0	46.3	526.3	8.8	49.2
November	473.9	45.4	519.3	8.7	48.4
December	490.5	46.3	536.7	8.6	49.9
1989 -					
January	502.1	49.3	551.4	8.9	51.1
February	499.4	44.1	543.5	8.1	50.3
March	498.7	39.5	538.3	7.3	49.6
April	503.6	43.6	547.2	8.0	50.3
May	513.2	43.8	557.1	7.9	51.0
June	517.7	41.0	558.7	7.3	51.0
July	517.8	42.3	560.1	7.5	51.0
August	519.0	45.2	564.2	8.0	51.2
PERSONS					
1988 -					
June	1,190.1	106.3	1,296.4	8.2	61.9
July	1,201.7	96.4	1,298.1	7.4	61.8
August	1,204.2	100.4	1,304.6	7.7	61.9
September	1,215.7	108.7	1,324.4	8.2	62.7
October	1,224.0	99.9	1,323.9	7.5	62.5
November	1,221.6	100.3	1,321.9	7.6	62.2
December	1,240.9	102.0	1,343.0	7.6	63.0
1989 -					
January	1,256.8	105.1	1,361.9	7.7	63.7
February	1,256.0	101.3	1,357.3	7.5	63.3
March	1,251.4	90.3	1,341.6	6.7	62.4
April	1,258.1	96.0	1,354.1	7.1	62.8
May	1,275.8	93.7	1,369.5	6.8	63.3
June	1,280.3	92.2	1,372.5	6.7	63.2
July	1,281.8	92.7	1,374.5	6.7	63.2
August	1,286.3	96.2	1,382.5	7.0	63.3

TABLE 3 - LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

Month	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	'000	'000	'000	%	%
MALES					
1988 -					
June	726.9	58.4	785.3	7.4	75.7
July	730.2	57.4	787.6	7.3	75.7
August	733.7	56.8	790.4	7.2	75.8
September	737.9	56.5	794.3	7.1	75.9
October	742.6	56.4	799.0	7.1	76.1
November	747.1	56.2	803.2	7.0	76.3
December	750.5	55.7	806.2	6.9	76.4
1989 -					
January	752.9	55.1	808.0	6.8	76.3
February	754.6	54.2	808.7	6.7	76.2
March	756.0	53.2	809.2	6.6	76.0
April	757.7	52.1	809.8	6.4	75.8
May	759.8	51.2	811.0	6.3	75.7
June	762.1	50.7	812.7	6.2	75.6
July	764.2	50.3	814.6	6.2	75.5
August	766.1	50.2	816.3	6.1	75.5
FEMALES					
1988 -					
June	468.3	46.3	514.6	9.0	48.7
July	470.7	45.2	515.9	8.8	48.7
August	473.0	44.8	517.8	8.7	48.7
September	475.8	45.1	520.9	8.7	48.9
October	479.5	45.9	525.4	8.7	49.2
November	484.0	46.4	530.4	8.8	49.5
December	488.8	46.4	535.1	8.7	49.8
1989 -					
January	493.7	45.6	539.3	8.5	50.0
February	498.6	44.5	543.0	8.2	50.2
March	503.1	43.4	546.5	7.9	50.4
April	507.1	42.7	549.8	7.8	50.5
May	510.7	42.4	553.1	7.7	50.7
June	514.3	42.5	556.9	7.6	50.9
July	517.5	42.8	560.3	7.6	51.0
August	520.4	43.4	563.8	7.7	51.2
PERSONS					
1988 -					
June	1,195.2	104.7	1,299.9	8.1	62.1
July	1,200.9	102.6	1,303.4	7.9	62.1
August	1,206.6	101.6	1,308.2	7.8	62.1
September	1,213.6	101.6	1,315.3	7.7	62.3
October	1,222.1	102.3	1,324.4	7.7	62.5
November	1,231.0	102.6	1,333.6	7.7	62.8
December	1,239.3	102.1	1,341.4	7.6	63.0
1989 -					
January	1,246.6	100.7	1,347.3	7.5	63.0
February	1,253.1	98.7	1,351.8	7.3	63.1
March	1,259.1	96.6	1,355.7	7.1	63.1
April	1,264.8	94.9	1,359.7	7.0	63.1
May	1,270.5	93.7	1,364.2	6.9	63.1
June	1,276.4	93.2	1,369.6	6.8	63.1
July	1,281.7	93.1	1,374.9	6.8	63.2
August	1,286.5	93.6	1,380.0	6.8	63.2

TABLE 4 - LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, JUNE 1989

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	327.0	25.5	352.5	20.0	372.5	111.9	5.4	76.9
Brisbane City Inner Ring	95.7	8.7	104.4	6.3	110.7	42.0	5.7	72.5
Brisbane City Outer Ring	105.8	9.6	115.4	5.6	121.0	33.7	4.6	78.2
South and East BSD Balance	58.3	3.2	61.6	2.8	64.3	14.7	4.3	81.4
North and West BSD Balance	67.2	3.9	71.2	5.4	76.5	21.6	7.0	78.0
<i>Balance of Queensland</i>	381.4	30.9	412.4	29.5	441.8	148.8	6.7	74.8
South and East Moreton	64.3	7.1	71.4	4.8	76.2	28.8	6.3	72.6
North and West Moreton	45.0	5.1	50.1	5.0	55.1	27.4	9.1	66.8
Wide Bay-Burnett	37.2	3.9	41.0	5.3	46.3	20.4	11.4	69.4
Darling Downs and South-West	56.7	2.7	59.4	3.0	62.3	21.4	4.8	74.5
Mackay, Fitzroy and Central-West	78.7	4.4	83.1	5.3	88.4	22.3	6.0	79.9
Northern and North-West	59.6	5.6	65.2	3.6	68.7	16.5	5.2	80.6
Far North	39.9	* 2.2	42.2	* 2.5	44.7	12.1	* 5.7	78.7
Total Queensland	708.5	56.4	764.9	49.5	814.3	260.7	6.1	75.7
FEMALES								
<i>Brisbane Statistical Division</i>	157.7	93.9	251.5	16.2	267.7	246.2	6.0	52.1
Brisbane City Inner Ring	56.2	27.1	83.4	4.6	88.0	74.4	5.2	54.2
Brisbane City Outer Ring	46.5	31.5	78.0	3.5	81.5	82.8	4.3	49.6
South and East BSD Balance	23.4	16.3	39.7	4.7	44.3	39.9	10.5	52.7
North and West BSD Balance	31.6	18.9	50.5	3.4	53.8	49.1	6.3	52.3
<i>Balance of Queensland</i>	159.3	108.6	267.9	23.5	291.4	289.6	8.1	50.2
South and East Moreton	30.0	21.9	51.9	3.4	55.3	51.2	6.1	51.9
North and West Moreton	16.2	16.0	32.2	3.8	36.1	43.4	10.7	45.4
Wide Bay-Burnett	15.6	12.1	27.7	3.4	31.1	39.8	11.0	43.9
Darling Downs and South-West	21.9	15.2	37.1	* 1.7	38.8	44.2	* 4.4	46.7
Mackay, Fitzroy and Central-West	30.7	20.4	51.1	5.2	56.4	54.0	9.3	51.1
Northern and North-West	24.7	12.2	36.9	3.5	40.4	32.3	8.6	55.6
Far North	20.1	10.8	30.9	* 2.5	33.4	24.7	* 7.5	57.5
Total Queensland	317.0	202.5	519.4	39.7	559.1	535.8	7.1	51.1
PERSONS								
<i>Brisbane Statistical Division</i>	484.7	119.3	604.0	36.2	640.2	358.1	5.6	64.1
Brisbane City Inner Ring	151.9	35.8	187.8	10.9	198.7	116.4	5.5	63.1
Brisbane City Outer Ring	152.3	41.2	193.4	9.1	202.5	116.5	4.5	63.5
South and East BSD Balance	81.7	19.5	101.3	7.4	108.7	54.5	6.8	66.6
North and West BSD Balance	98.8	22.8	121.6	8.7	130.4	70.6	6.7	64.9
<i>Balance of Queensland</i>	540.7	139.6	680.3	53.0	733.3	438.4	7.2	62.6
South and East Moreton	94.3	29.0	123.4	8.2	131.6	80.0	6.2	62.2
North and West Moreton	61.2	21.1	82.3	8.8	91.2	70.8	9.7	56.3
Wide Bay-Burnett	52.8	15.9	68.7	8.7	77.4	60.2	11.2	56.2
Darling Downs and South-West	78.6	17.9	96.4	4.7	101.1	65.6	4.6	60.6
Mackay, Fitzroy and Central-West	109.5	24.7	134.2	10.6	144.8	76.2	7.3	65.5
Northern and North-West	84.3	17.8	102.1	7.0	109.2	48.9	6.4	69.1
Far North	60.0	13.1	73.1	5.0	78.1	36.7	6.4	68.0
Total Queensland	1,025.4	258.9	1,284.3	89.2	1,373.5	796.5	6.5	63.3

TABLE 5 - LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, JULY 1989

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	325.8	25.9	351.7	20.0	371.8	114.1	5.4	76.5
Brisbane City Inner Ring	93.0	8.3	101.2	4.3	105.5	43.8	4.1	70.7
Brisbane City Outer Ring	108.6	8.3	116.9	5.5	122.4	35.3	4.5	77.6
South and East BSD Balance	58.2	3.3	61.5	4.6	66.2	15.9	7.0	80.6
North and West BSD Balance	66.0	6.0	72.0	5.6	77.6	19.0	7.3	80.3
<i>Balance of Queensland</i>	384.2	29.5	413.7	28.5	442.2	150.3	6.4	74.6
South and East Moreton	61.9	6.1	68.0	5.4	73.5	29.2	7.4	71.6
North and West Moreton	46.9	4.9	51.9	5.1	56.9	28.4	8.9	66.7
Wide Bay-Burnett	38.7	* 2.7	41.3	5.0	46.3	20.0	10.8	69.8
Darling Downs and South-West	55.6	3.4	59.1	* 2.2	61.3	20.0	* 3.6	75.4
Mackay, Fitzroy and Central-West	81.4	3.7	85.0	4.9	90.0	21.0	5.5	81.1
Northern and North-West	57.1	5.3	62.4	3.4	65.7	17.3	5.1	79.2
Far North	42.6	3.4	46.0	* 2.5	48.5	14.5	* 5.2	76.9
Total Queensland	710.0	55.5	765.4	48.6	814.0	264.4	6.0	75.5
FEMALES								
<i>Brisbane Statistical Division</i>	156.9	91.0	247.9	20.4	268.3	247.1	7.6	52.1
Brisbane City Inner Ring	53.5	27.2	80.8	6.5	87.2	75.5	7.4	53.6
Brisbane City Outer Ring	48.1	28.9	77.0	4.1	81.0	83.1	5.0	49.4
South and East BSD Balance	25.0	15.9	40.8	6.9	47.8	36.9	14.5	56.4
North and West BSD Balance	30.3	19.0	49.3	2.9	52.3	51.6	5.6	50.3
<i>Balance of Queensland</i>	157.3	112.9	270.2	19.9	290.1	292.7	6.9	49.8
South and East Moreton	28.9	21.2	50.0	3.2	53.2	51.6	5.9	50.7
North and West Moreton	17.1	16.9	34.0	3.7	37.7	43.3	9.7	46.5
Wide Bay-Burnett	16.3	12.4	28.7	* 2.4	31.1	40.6	* 7.9	43.4
Darling Downs and South-West	20.5	15.5	36.0	* 1.1	37.2	50.6	* 3.1	42.3
Mackay, Fitzroy and Central-West	31.7	23.6	55.3	4.6	59.9	48.8	7.7	55.1
Northern and North-West	24.2	11.8	35.9	2.9	38.9	33.5	7.6	53.7
Far North	18.6	11.6	30.2	* 2.0	32.2	24.2	* 6.2	57.1
Total Queensland	314.2	203.9	518.1	40.3	558.4	539.8	7.2	50.8
PERSONS								
<i>Brisbane Statistical Division</i>	482.7	116.9	599.6	40.4	640.1	361.2	6.3	63.9
Brisbane City Inner Ring	146.5	35.5	182.0	10.7	192.8	119.3	5.6	61.8
Brisbane City Outer Ring	156.7	37.1	193.9	9.6	203.5	118.5	4.7	63.2
South and East BSD Balance	83.2	19.2	102.4	11.6	113.9	52.8	10.2	68.3
North and West BSD Balance	96.3	25.0	121.3	8.6	129.9	70.6	6.6	64.8
<i>Balance of Queensland</i>	541.4	142.5	683.9	48.4	732.3	443.0	6.6	62.3
South and East Moreton	90.8	27.3	118.1	8.6	126.7	80.8	6.8	61.0
North and West Moreton	64.0	21.9	85.9	8.7	94.6	71.7	9.2	56.9
Wide Bay-Burnett	54.9	15.0	70.0	7.5	77.4	60.6	9.6	56.1
Darling Downs and South-West	76.2	18.9	95.1	3.4	98.4	70.6	3.4	58.2
Mackay, Fitzroy and Central-West	113.1	27.3	140.4	9.5	149.9	69.8	6.3	68.2
Northern and North-West	81.3	17.0	98.3	6.3	104.6	50.8	6.0	67.3
Far North	61.2	15.0	76.2	4.5	80.7	38.7	5.6	67.6
Total Queensland	1,024.2	259.3	1,283.5	88.9	1,372.4	804.2	6.5	63.1

TABLE 6 - LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, AUGUST 1989

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	321.7	31.8	353.5	19.3	372.7	114.5	5.2	76.5
Brisbane City Inner Ring	87.7	10.5	98.2	4.8	102.9	44.5	4.6	69.8
Brisbane City Outer Ring	108.5	9.1	117.6	5.6	123.2	36.4	4.6	77.2
South and East BSD Balance	58.7	4.9	63.6	4.5	68.1	13.3	6.6	83.6
North and West BSD Balance	66.8	7.3	74.1	4.4	78.5	20.3	5.6	79.4
<i>Balance of Queensland</i>	379.5	31.2	410.7	30.0	440.7	153.8	6.8	74.1
South and East Moreton	62.3	6.7	69.0	5.1	74.1	29.5	6.8	71.5
North and West Moreton	47.4	4.8	52.2	5.0	57.2	28.2	8.8	66.9
Wide Bay-Burnett	39.2	3.2	42.3	4.9	47.2	21.4	10.4	68.9
Darling Downs and South-West	53.9	2.9	56.7	3.0	59.7	23.0	4.9	72.2
Mackay, Fitzroy and Central-West	78.8	4.2	83.0	5.3	88.4	22.9	6.0	79.4
Northern and North-West	59.4	4.2	63.6	3.7	67.3	16.2	5.6	80.6
Far North	38.6	5.3	43.9	3.0	46.8	12.5	6.3	78.9
Total Queensland	701.2	63.0	764.2	49.3	813.5	268.3	6.1	75.2
FEMALES								
<i>Brisbane Statistical Division</i>	151.7	98.0	249.7	18.2	267.9	249.0	6.8	51.8
Brisbane City Inner Ring	53.6	26.6	80.2	6.2	86.3	73.4	7.2	54.1
Brisbane City Outer Ring	43.1	33.4	76.5	3.6	80.1	86.5	4.4	48.1
South and East BSD Balance	24.1	17.7	41.7	4.7	46.4	36.1	10.1	56.3
North and West BSD Balance	31.0	20.3	51.3	3.8	55.1	53.0	6.9	50.9
<i>Balance of Queensland</i>	150.1	117.2	267.3	22.9	290.2	294.3	7.9	49.6
South and East Moreton	26.2	25.0	51.3	3.7	55.0	50.3	6.8	52.2
North and West Moreton	16.0	15.9	31.8	4.3	36.1	42.7	11.8	45.8
Wide Bay-Burnett	15.3	11.6	26.9	3.3	30.2	43.7	11.0	40.9
Darling Downs and South-West	18.9	15.8	34.7	2.6	37.3	49.0	7.1	43.2
Mackay, Fitzroy and Central-West	31.1	24.7	55.9	4.7	60.6	47.9	7.8	55.9
Northern and North-West	23.7	12.8	36.5	2.4	38.9	34.4	6.1	53.1
Far North	18.9	11.4	30.3	* 1.9	32.2	26.4	* 5.9	54.9
Total Queensland	301.8	215.2	517.0	41.2	558.1	543.3	7.4	50.7
PERSONS								
<i>Brisbane Statistical Division</i>	473.4	129.8	603.2	37.5	640.7	363.5	5.9	63.8
Brisbane City Inner Ring	141.2	37.1	178.3	10.9	189.3	117.9	5.8	61.6
Brisbane City Outer Ring	151.7	42.5	194.1	9.2	203.3	122.8	4.5	62.3
South and East BSD Balance	82.7	22.6	105.3	9.2	114.5	49.4	8.0	69.9
North and West BSD Balance	97.7	27.6	125.4	8.2	133.6	73.4	6.1	64.5
<i>Balance of Queensland</i>	529.6	148.4	678.0	53.0	731.0	448.1	7.2	62.0
South and East Moreton	88.6	31.7	120.3	8.8	129.1	79.8	6.8	61.8
North and West Moreton	63.4	20.7	84.0	9.3	93.3	70.9	10.0	56.8
Wide Bay-Burnett	54.5	14.7	69.2	8.2	77.4	65.0	10.6	54.4
Darling Downs and South-West	72.7	18.7	91.4	5.6	97.0	72.0	5.8	57.4
Mackay, Fitzroy and Central-West	109.9	28.9	138.9	10.1	148.9	70.8	6.8	67.8
Northern and North-West	83.1	17.0	100.1	6.1	106.2	50.5	5.8	67.8
Far North	57.5	16.7	74.2	4.9	79.0	38.9	6.2	67.0
Total Queensland	1,003.0	278.2	1,281.2	90.4	1,371.6	811.6	6.6	62.8

TABLE 7 - LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, AUGUST 1989

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
BRISBANE CITY INNER RING								
15-24	31.8	13.3	45.0	4.9	50.0	19.2	9.9	72.2
15-19	8.1	7.2	15.3	3.0	18.3	12.9	16.3	58.5
20-24	23.7	6.1	29.8	* 1.9	31.7	6.3	* 6.1	83.5
25-44	71.5	13.8	85.3	3.9	89.2	17.9	4.4	83.3
45 and over	38.0	10.0	48.0	2.1	50.1	80.7	4.2	38.3
Total	141.2	37.1	178.3	10.9	189.3	117.9	5.8	61.6
BRISBANE CITY OUTER RING								
15-24	34.8	15.2	50.1	4.5	54.5	21.8	8.2	71.4
15-19	11.7	11.2	22.9	* 1.9	24.8	17.9	* 7.5	58.0
20-24	23.1	4.0	27.1	2.6	29.7	3.9	8.8	88.5
25-44	72.3	19.0	91.2	3.4	94.6	27.3	3.6	77.6
45 and over	44.6	8.3	52.9	* 1.3	54.1	73.7	* 2.4	42.3
Total	151.7	42.5	194.1	9.2	203.3	122.8	4.5	62.3
SOUTH AND EAST BSD BALANCE								
15-24	17.4	6.6	24.0	4.8	28.8	7.2	16.6	80.1
15-19	6.3	4.9	11.2	2.8	14.0	4.9	20.2	74.0
20-24	11.1	* 1.7	12.8	* 1.9	14.8	* 2.2	* 13.1	86.9
25-44	49.8	11.9	61.7	2.9	64.6	17.9	4.5	78.3
45 and over	15.5	4.1	19.6	* 1.5	21.1	24.3	* 7.1	46.5
Total	82.7	22.6	105.3	9.2	114.5	49.4	8.0	69.9
NORTH AND WEST BSD BALANCE								
15-24	21.8	7.9	29.7	4.5	34.1	11.2	13.1	75.3
15-19	8.0	6.1	14.1	3.0	17.1	8.7	17.4	66.3
20-24	13.8	* 1.8	15.6	* 1.5	17.0	2.5	* 8.7	87.3
25-44	56.9	14.1	71.0	2.6	73.5	18.1	3.5	80.2
45 and over	19.1	5.7	24.7	* 1.2	25.9	44.1	* 4.5	37.0
Total	97.7	27.6	125.4	8.2	133.6	73.4	6.1	64.5
BRISBANE STATISTICAL DIVISION								
15-24	105.8	43.0	148.8	18.6	167.4	59.4	11.1	73.8
15-19	34.2	29.4	63.5	10.7	74.2	44.5	14.4	62.5
20-24	71.7	13.6	85.3	8.0	93.2	14.8	8.6	86.3
25-44	250.4	58.8	309.2	12.8	322.0	81.3	4.0	79.8
45 and over	117.1	28.1	145.2	6.1	151.3	222.9	4.0	40.4
Total	473.4	129.8	603.2	37.5	640.7	363.5	5.9	63.8
SOUTH AND EAST MORETON								
15-24	21.8	9.5	31.3	4.0	35.2	7.9	11.3	81.7
15-19	8.0	6.0	14.0	2.6	16.6	5.9	15.4	73.8
20-24	13.8	3.5	17.2	* 1.4	18.7	2.0	* 7.7	90.2
25-44	47.5	15.1	62.6	3.7	66.4	15.4	5.6	81.1
45 and over	19.3	7.2	26.4	* 1.1	27.5	56.5	* 3.9	32.7
Total	88.6	31.7	120.3	8.8	129.1	79.8	6.8	61.8
NORTH AND WEST MORETON								
15-24	11.3	3.5	14.8	3.8	18.6	10.0	20.2	65.1
15-19	4.6	2.7	7.3	* 1.6	8.9	7.8	* 17.8	53.5
20-24	6.7	* 0.8	7.5	* 2.2	9.7	* 2.2	* 22.5	81.3
25-44	30.5	12.2	42.7	3.8	46.5	12.9	8.2	78.3
45 and over	21.6	5.0	26.5	* 1.7	28.2	48.1	* 6.1	37.0
Total	63.4	20.7	84.0	9.3	93.3	70.9	10.0	56.8

TABLE 7 - LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, AUGUST 1989 - *continued*

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000					
'000								
%								
%								
WIDE BAY-BURNETT								
15-24	10.8	3.2	14.0	3.2	17.2	5.8	18.4	74.7
15-19	3.8	* 2.5	6.2	* 1.4	7.7	4.6	* 18.8	62.8
20-24	7.0	* 0.8	7.8	* 1.7	9.5	* 1.3	* 18.2	88.3
25-44	26.4	7.8	34.2	* 2.8	37.0	11.1	* 7.6	77.0
45 and over	17.2	3.7	20.9	* 2.2	23.2	48.2	* 9.7	32.5
Total	54.5	14.7	69.2	8.2	77.4	65.0	10.6	54.4
DARLING DOWNS AND SOUTH-WEST								
15-24	15.7	3.6	19.3	3.0	22.3	11.7	13.2	65.6
15-19	7.0	* 1.4	8.5	* 1.8	10.2	8.9	* 17.3	53.5
20-24	8.7	* 2.2	10.9	* 1.2	12.1	2.8	* 9.8	81.0
25-44	37.2	9.9	47.1	* 2.0	49.1	12.6	* 4.0	79.6
45 and over	19.7	5.1	24.9	* 0.7	25.5	47.8	* 2.6	34.8
Total	72.7	18.7	91.4	5.6	97.0	72.0	5.8	57.4
MACKAY, FITZROY AND CENTRAL-WEST								
15-24	25.8	6.4	32.2	5.1	37.3	16.5	13.6	69.3
15-19	10.2	4.9	15.0	* 2.3	17.4	11.6	* 13.4	60.0
20-24	15.7	* 1.5	17.2	2.8	19.9	4.9	13.9	80.2
25-44	61.2	16.3	77.5	3.6	81.1	21.6	4.4	79.0
45 and over	22.9	6.2	29.2	* 1.4	30.5	32.7	* 4.5	48.3
Total	109.9	28.9	138.9	10.1	148.9	70.8	6.8	67.8
NORTHERN AND NORTH-WEST								
15-24	21.5	3.6	25.2	4.1	29.3	10.6	14.1	73.4
15-19	8.2	2.7	10.9	2.7	13.6	6.6	19.8	67.5
20-24	13.3	* 1.0	14.3	* 1.4	15.7	4.1	* 9.2	79.5
25-44	41.3	8.6	49.9	* 1.6	51.5	12.6	* 3.2	80.3
45 and over	20.3	4.7	25.0	* 0.4	25.4	27.3	* 1.4	48.2
Total	83.1	17.0	100.1	6.1	106.2	50.5	5.8	67.8
FAR NORTH								
15-24	12.5	4.8	17.3	* 1.4	18.6	7.8	* 7.3	70.6
15-19	3.1	* 2.4	5.5	* 0.8	6.3	5.3	* 12.8	54.4
20-24	9.4	* 2.4	11.8	* 0.6	12.4	* 2.5	* 4.5	83.2
25-44	33.4	8.2	41.6	* 2.8	44.4	9.7	* 6.3	82.0
45 and over	11.6	3.7	15.3	* 0.7	16.0	21.5	* 4.3	42.7
Total	57.5	16.7	74.2	4.9	79.0	38.9	6.2	67.0
BALANCE OF QUEENSLAND								
15-24	119.5	34.6	154.1	24.5	178.6	70.3	13.7	71.8
15-19	44.9	22.6	67.5	13.2	80.6	50.5	16.3	61.5
20-24	74.6	12.1	86.6	11.3	97.9	19.8	11.5	83.2
25-44	277.5	78.1	355.6	20.4	376.0	95.9	5.4	79.7
45 and over	132.6	35.6	168.2	8.1	176.3	281.9	4.6	38.5
Total	529.6	148.4	678.0	53.0	731.0	448.1	7.2	62.0
TOTAL QUEENSLAND								
15-24	225.3	77.6	302.9	43.1	346.0	129.6	12.5	72.7
15-19	79.1	51.9	131.0	23.8	154.8	95.0	15.4	62.0
20-24	146.2	25.7	171.9	19.3	191.2	34.7	10.1	84.7
25-44	527.9	136.9	664.8	33.2	698.0	177.2	4.8	79.8
45 and over	249.7	63.7	313.5	14.2	327.6	504.8	4.3	39.4
Total	1,003.0	278.2	1,281.2	90.4	1,371.6	811.6	6.6	62.8

TABLE 8 - LABOUR FORCE STATUS: MARITAL STATUS, QUEENSLAND, AUGUST 1989

Marital status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
Males									
Married	471.2	493.9	17.5	18.0	511.9	151.5	663.4	3.5	77.2
Not married	230.0	270.3	25.7	31.3	301.6	116.8	418.3	10.4	72.1
Females									
Married	161.0	310.7	10.3	15.8	326.5	334.6	661.1	4.8	49.4
Not married	140.8	206.3	19.3	25.4	231.6	208.7	440.3	11.0	52.6
Persons									
Married	632.2	804.6	27.8	33.8	838.4	486.1	1,324.5	4.0	63.3
Not married	370.7	476.6	45.0	56.6	533.2	325.4	858.6	10.6	62.1

TABLE 9 - LABOUR FORCE STATUS: BIRTHPLACE AND PERIOD OF ARRIVAL, QUEENSLAND, AUGUST 1989

Birthplace and period of arrival	Employed	Unemployed	Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	'000	'000	'000	'000	'000	%	%
Birthplace							
Born in Australia	1,051.5	73.5	1,125.0	623.9	1,748.8	6.5	64.3
Born outside Australia	229.6	17.0	246.6	159.4	406.0	6.9	60.7
Africa	6.0	* 0.8	6.8	3.3	10.1	* 12.3	67.4
America	7.4	* 0.4	7.8	4.8	12.6	* 5.3	61.9
Asia	22.1	* 2.1	24.2	17.0	41.2	* 8.6	58.8
Europe	133.0	10.7	143.7	113.9	257.6	7.4	55.8
U.K. and Ireland	85.6	7.0	92.6	71.6	164.2	7.5	56.4
Other European countries	47.4	3.7	51.1	42.3	93.4	7.2	54.7
Oceania	61.1	3.0	64.1	20.4	84.5	4.7	75.9
New Zealand	51.4	* 2.1	53.5	13.8	67.2	* 3.9	79.5
Other Oceania	9.7	* 0.9	10.6	6.6	17.3	* 8.4	61.6
Period of arrival							
Before 1971	103.8	6.2	109.9	100.7	210.7	5.6	52.2
1971-1975	32.1	* 2.4	34.5	15.1	49.7	* 7.0	69.5
1976-1980	25.8	* 1.7	27.5	10.1	37.7	* 6.3	73.1
1981-1985	33.8	3.3	37.1	15.1	52.2	8.8	71.1
1986 to survey date	34.2	3.4	37.6	18.3	55.8	9.1	67.3

TABLE 10 - LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, AUGUST 1989

Sex	Employed			Unemployed	Labour force	Not in labour force	Civilian population aged 15 to 19 years	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
	'000	'000	'000						
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	44.5	4.3	48.8	7.7	56.5	* 2.5	59.0	13.7	95.8
Females	33.1	7.3	40.5	7.4	47.9	8.0	55.8	15.5	85.8
Persons	77.6	11.6	89.2	15.1	104.4	10.4	114.8	14.5	90.9
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 1.1	3.7	4.8	* 1.7	6.5	8.7	15.2	* 26.0	42.8
Females	* 0.2	5.4	5.6	* 1.1	6.7	4.6	11.2	* 16.7	59.5
Persons	* 1.3	9.1	10.4	* 2.8	13.2	13.3	26.5	* 21.3	49.9
ATTENDING SCHOOL									
Males	* 0.2	13.8	14.0	* 2.9	16.9	36.3	53.2	* 17.3	31.7
Females	* 0.0	17.5	17.5	* 2.9	20.4	34.9	55.4	* 14.4	36.9
Persons	* 0.2	31.3	31.4	5.9	37.3	71.2	108.5	15.7	34.4
TOTAL									
Males	45.8	21.7	67.5	12.3	79.8	47.5	127.4	15.4	62.7
Females	33.3	30.2	63.5	11.5	75.0	47.5	122.5	15.3	61.2
Persons	79.1	51.9	131.0	23.8	154.8	95.0	249.8	15.4	62.0

TABLE 11 - LABOUR FORCE STATUS: PERSONS 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, AUGUST 1989

Sex	Employed			Unemployed	Labour force	Not in labour force	Civilian population aged 20 to 24 years	Unemploy- ment rate	Partici- pation rate
	Full-time	Part-time	Total						
	'000	'000	'000						
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	84.6	5.0	89.6	9.7	99.3	4.9	104.2	9.7	95.3
Females	60.7	14.6	75.3	8.6	83.9	21.5	105.4	10.3	79.6
Persons	145.3	19.6	164.9	18.3	183.2	26.5	209.6	10.0	87.4
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 0.8	3.9	4.7	* 0.6	5.3	4.1	9.4	* 11.5	56.6
Females	* 0.2	* 2.2	* 2.3	* 0.4	* 2.7	4.1	6.8	* 13.7	* 39.4
Persons	* 0.9	6.1	7.0	* 1.0	8.0	8.2	16.2	* 12.3	49.4
TOTAL									
Males	85.4	8.9	94.3	10.3	104.6	9.0	113.6	9.8	92.1
Females	60.8	16.8	77.6	9.0	86.6	25.6	112.2	10.4	77.2
Persons	146.2	25.7	171.9	19.3	191.2	34.7	225.8	10.1	84.7

TABLE 12 - LABOUR FORCE STATUS: FAMILY STATUS, QUEENSLAND, AUGUST 1989

Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
MALES									
Member of a family	560.8	608.0	29.2	34.4	642.4	200.2	842.7	5.4	76.2
Husband	449.7	470.4	15.6	16.2	486.6	139.5	626.1	3.3	77.7
With children aged 0-14 years present	252.2	258.4	8.5	8.7	267.1	14.4	281.5	3.3	94.9
Without children aged 0-14 years present	197.5	212.0	7.1	7.5	219.5	125.1	344.6	3.4	63.7
Not-married family head	9.4	10.2	* 0.9	* 0.9	11.1	4.6	15.7	* 8.1	70.5
With children aged 0-14 years present	3.1	3.6	* 0.3	* 0.3	3.9	* 0.9	4.8	* 8.9	81.9
Without children aged 0-14 years present	6.3	6.6	* 0.6	* 0.6	7.2	3.8	11.0	* 7.7	65.6
Full-time student aged 15-24 years (a)	* 0.9	19.5	* 0.7	4.7	24.2	41.3	65.5	19.4	36.9
Other child of family head	90.6	97.4	10.8	11.6	109.0	9.2	118.2	10.6	92.2
Other relative of family head	10.1	10.5	* 1.1	* 1.1	11.6	5.5	17.1	* 9.4	67.7
Not a member of a family	96.7	106.1	8.9	9.6	115.7	35.8	151.4	8.3	76.4
Living alone	39.8	42.9	3.6	4.0	46.9	26.7	73.5	8.5	63.8
Not living alone	56.9	63.2	5.3	5.6	68.8	9.1	77.9	8.1	88.3
Total	657.5	714.1	38.1	44.0	758.1	236.0	994.1	5.8	76.3
FEMALES									
Member of a family	220.3	410.8	20.1	31.2	442.0	411.2	853.2	7.1	51.8
Wife	148.8	290.8	9.2	14.6	305.4	312.7	618.1	4.8	49.4
With children aged 0-14 years present	54.4	144.5	4.9	9.2	153.7	125.7	279.4	6.0	55.0
Without children aged 0-14 years present	94.5	146.3	4.3	5.3	151.6	187.0	338.6	3.5	44.8
Not-married family head	15.7	31.1	3.6	5.2	36.3	41.7	78.0	14.2	46.5
With children aged 0-14 years present	7.5	18.6	* 2.4	3.6	22.2	20.4	42.6	16.2	52.2
Without children aged 0-14 years present	8.2	12.5	* 1.2	* 1.6	14.1	21.3	35.4	* 11.1	39.8
Full-time student aged 15-24 years (a)	* 0.3	22.1	* 0.2	3.7	25.8	34.9	60.8	14.4	42.5
Other child of family head	51.5	61.0	6.3	6.6	67.6	7.1	74.7	9.8	90.5
Other relative of family head	4.0	5.7	* 0.8	* 1.1	6.8	14.8	21.7	* 15.9	31.5
Not a member of a family	59.8	72.9	5.7	6.1	79.0	75.3	154.3	7.7	51.2
Living alone	19.1	24.6	* 1.8	* 2.0	26.6	67.6	94.2	* 7.5	28.3
Not living alone	40.8	48.3	3.9	4.1	52.4	7.7	60.1	7.8	87.1
Total	280.2	483.7	25.8	37.2	521.0	486.5	1,007.5	7.1	51.7

TABLE 12 - LABOUR FORCE STATUS: FAMILY STATUS QUEENSLAND, AUGUST 1989 —continued

Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemp- loyment rate	Partici- pation rate
	Full-time	Total	Looking for full- time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
PERSONS									
<i>Member of a family</i>	781.1	1,018.8	49.2	65.6	1,084.4	611.5	1,695.9	6.1	63.9
<i>Husband or wife</i>	598.6	761.2	24.8	30.7	792.0	452.2	1,244.2	3.9	63.7
With children aged 0-14 years present	306.6	402.9	13.4	17.9	420.8	140.1	560.9	4.3	75.0
Without children aged 0-14 years present	291.9	358.4	11.4	12.8	371.2	312.1	683.2	3.4	54.3
<i>Not-married family head</i>	25.1	41.3	4.5	6.1	47.4	46.3	93.7	12.8	50.6
With children aged 0-14 years present	10.6	22.2	* 2.7	4.0	26.1	21.3	47.4	15.1	55.2
Without children aged 0-14 years present	14.5	19.1	* 1.7	* 2.1	21.3	25.1	46.3	* 9.9	45.9
Full-time student aged 15-24 years (a)	* 1.3	41.6	* 0.9	8.4	50.0	76.3	126.3	16.8	39.6
Other child of family head	142.1	158.4	17.1	18.2	176.6	16.3	192.9	10.3	91.5
Other relative of family head	14.1	16.2	* 1.9	* 2.2	18.4	20.4	38.8	* 11.8	47.5
<i>Not a member of a family</i>	156.5	179.0	14.6	15.6	194.6	111.0	305.7	8.0	63.7
Living alone	58.9	67.6	5.5	6.0	73.5	94.2	167.7	8.1	43.8
Not living alone	97.6	111.5	9.2	9.7	121.1	16.8	137.9	8.0	87.8
Total	937.6	1,197.8	63.9	81.2	1,279.1	722.5	2,001.6	6.4	63.9
Usual resident of a private dwelling where family status was not determined	27.9	36.6	3.2	3.4	40.0	15.5	55.4	8.4	72.1
<i>Total usual residents of private dwellings</i>	<i>965.6</i>	<i>1,234.4</i>	<i>67.1</i>	<i>84.6</i>	<i>1,319.0</i>	<i>738.0</i>	<i>2,057.0</i>	<i>6.4</i>	<i>64.1</i>
Visitors to private dwellings	11.3	12.6	* 2.3	* 2.3	14.9	17.7	32.6	* 15.4	45.6
Persons enumerated in non-private dwellings	26.1	34.2	3.4	3.6	37.7	55.9	93.6	9.4	40.3
TOTAL	1,003.0	1,281.2	72.7	90.4	1,371.6	811.6	2,183.2	6.6	62.8

(a) Excluding persons aged 20 to 24 years attending school.

TABLE 13 - EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

Month	Males		Females						Persons	
			Married		Not married		Total			
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
NUMBER ('000)										
1988 -										
June	668.9	58.2	146.0	136.5	129.6	54.7	275.6	191.2	944.5	249.4
July	678.5	53.4	147.7	131.9	134.4	57.4	282.1	189.3	960.6	242.7
August	669.9	57.1	143.6	139.9	132.0	56.8	275.6	196.7	945.5	253.8
September	678.9	62.5	145.7	145.9	138.9	56.2	284.6	202.1	963.5	264.6
October	683.2	59.7	152.3	137.4	140.0	52.3	292.4	189.7	975.6	249.5
November	688.3	59.3	149.4	139.6	138.5	53.4	287.9	193.0	976.1	252.3
December	702.2	56.6	150.4	145.3	141.0	57.3	291.4	202.7	993.6	259.3
1989 -										
January	696.6	50.7	152.0	133.0	136.6	55.2	288.6	188.2	985.3	238.9
February	695.2	54.2	155.3	143.9	135.1	58.4	290.4	202.3	985.7	256.6
March	699.8	54.4	160.9	147.7	133.4	58.9	294.3	206.6	994.1	261.0
April	701.8	53.1	156.9	150.1	140.3	58.1	297.2	208.2	999.0	261.3
May	708.3	55.3	166.7	151.0	140.8	60.6	307.4	211.6	1,015.8	266.9
June	708.5	56.4	171.5	143.3	145.5	59.2	317.0	202.5	1,025.4	258.9
July	710.0	55.5	170.7	144.4	143.5	59.5	314.2	203.9	1,024.2	259.3
August	701.2	63.0	161.0	149.7	140.8	65.5	301.8	215.2	1,003.0	278.2
PROPORTION OF EMPLOYED PERSONS (per cent)										
1988 -										
June	92.0	8.0	51.7	48.3	70.3	29.7	59.0	41.0	79.1	20.9
July	92.7	7.3	52.8	47.2	70.1	29.9	59.8	40.2	79.8	20.2
August	92.1	7.9	50.7	49.3	69.9	30.1	58.4	41.6	78.8	21.2
September	91.6	8.4	50.0	50.0	71.2	28.8	58.5	41.5	78.5	21.5
October	92.0	8.0	52.6	47.4	72.8	27.2	60.6	39.4	79.6	20.4
November	92.1	7.9	51.7	48.3	72.2	27.8	59.9	40.1	79.5	20.5
December	92.5	7.5	50.9	49.1	71.1	28.9	59.0	41.0	79.3	20.7
1989 -										
January	93.2	6.8	53.3	46.7	71.2	28.8	60.5	39.5	80.5	19.5
February	92.8	7.2	51.9	48.1	69.8	30.2	58.9	41.1	79.3	20.7
March	92.8	7.2	52.1	47.9	59.4	30.6	58.8	41.2	79.2	20.8
April	93.0	7.0	51.1	48.9	70.7	29.3	58.8	41.2	79.3	20.7
May	92.8	7.2	52.5	47.5	69.9	30.1	59.2	40.8	79.2	20.8
June	92.6	7.4	54.5	45.5	71.1	28.9	61.0	39.0	79.8	20.2
July	92.8	7.2	54.2	45.8	70.7	29.3	60.6	39.4	79.8	20.2
August	91.8	8.2	51.8	48.2	68.2	31.8	58.4	41.6	78.3	21.7

TABLE 14 - EMPLOYED PERSONS: HOURS WORKED, QUEENSLAND, AUGUST 1989
(^{'000})

<i>Hours worked</i>	<i>Males</i>	<i>Females</i>			<i>Persons</i>
		<i>Married</i>	<i>Not married</i>	<i>Total</i>	
None	30.5	11.5	8.0	19.5	49.9
1-15	37.9	70.6	37.3	107.9	145.8
16-29	43.4	65.0	24.0	89.0	132.4
30-34	39.8	24.6	18.3	42.9	82.7
35-39	74.9	34.3	36.5	70.8	145.7
40	199.5	48.8	42.4	91.2	290.7
41-44	43.6	14.4	12.1	26.6	70.2
45-48	77.1	12.3	10.5	22.8	99.9
49 and over	217.5	29.1	17.2	46.3	263.8
Total employed	764.2	310.7	206.3	517.0	1,281.2

TABLE 15 - EMPLOYED PERSONS: AVERAGE HOURS WORKED BY INDUSTRY AND STATUS OF WORKER, QUEENSLAND, AUGUST 1989

<i>Industry division and status of worker</i>	<i>Males</i>	<i>Females</i>			<i>Persons</i>
		<i>Married</i>	<i>Not married</i>	<i>Total</i>	
Industry division					
Agriculture, forestry, fishing and hunting	52.1	30.4	29.7	30.3	45.8
Mining	42.1	* 32.6	* 42.0	36.5	41.6
Manufacturing	41.5	30.8	33.2	31.6	39.2
Electricity, gas and water	36.6	* 37.0	* 28.1	* 32.4	36.2
Construction	42.7	19.1	33.9	22.6	39.7
Wholesale and retail trade	41.0	30.6	26.8	28.9	35.4
Transport and storage	43.9	29.3	34.1	30.7	41.4
Communication	35.1	28.2	28.5	28.3	33.1
Finance, property and business services	43.9	28.6	36.0	31.8	37.8
Public administration and defence	35.7	29.9	32.1	31.2	34.3
Community services	40.9	28.4	34.3	30.5	34.2
Recreation, personal and other services	38.7	28.0	29.3	28.7	32.3
Status of worker					
Employers	54.4	31.4	50.3	33.4	47.5
Self-employed	48.0	28.5	28.7	28.5	41.6
Wage and salary earners	40.4	29.1	31.2	30.1	36.1
Unpaid family helpers	25.8	14.0	* 9.8	13.4	17.4
Full-time workers	44.7	41.1	39.0	40.1	43.3
Part-time workers	14.9	15.8	14.7	15.5	15.3
Total employed	42.2	28.9	31.3	29.9	37.2

TABLE 16 - EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, QUEENSLAND, AUGUST 1989
(^{'000})

Particulars	Males	Females			Persons
		Married	Not married	Total	
Status of worker					
Employers	51.4	22.7	* 2.6	25.3	76.7
Self-employed	94.2	38.3	7.8	46.1	140.3
Wage and salary earners	615.2	243.6	194.8	438.4	1,053.6
Unpaid family helpers	3.4	6.1	* 1.0	7.1	10.5
Industry division					
Agriculture, forestry, fishing and hunting	65.0	22.3	3.8	26.0	91.0
Mining	24.7	* 1.4	* 1.0	* 2.4	27.2
Manufacturing	129.5	26.3	12.7	39.0	168.5
Electricity, gas and water	12.5	* 0.7	* 0.7	* 1.4	14.0
Construction	98.2	12.9	4.0	16.9	115.0
Wholesale and retail trade	148.4	70.9	57.6	128.5	277.0
Transport and storage	62.9	10.4	4.5	14.8	77.7
Communication	16.5	3.7	3.3	7.0	23.5
Finance, property and business services	63.2	37.1	28.0	65.2	128.4
Public administration and defence	30.4	5.3	8.4	13.7	44.1
Community services	74.4	87.3	47.8	135.1	209.4
Recreation, personal and other services	38.4	32.4	34.5	66.9	105.4
Occupation group					
Managers and administrators	102.2	23.9	6.9	30.9	133.1
Professionals	76.7	29.3	25.0	54.3	131.1
Para-professionals	35.7	18.0	9.5	27.6	63.3
Tradespersons	187.4	10.9	9.9	20.8	208.2
Clerks	47.5	100.7	58.6	159.3	206.8
Salespersons and personal service workers	70.3	69.5	68.5	138.0	208.3
Plant and machine operators and drivers	93.2	7.1	3.8	10.9	104.1
Labourers and related workers	151.1	51.3	24.0	75.2	226.4
Total employed	764.2	310.7	206.3	517.0	1,281.2

TABLE 17 - EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, QUEENSLAND, AUGUST 1989
(^{'000})

Industry division	Occupation major group								Total employed
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators and drivers	Labourers and related workers	
Agriculture, forestry, fishing and hunting	55.0	* 0.6	* 1.6	3.4	* 2.0	* 0.4	3.7	24.4	91.0
Mining	* 0.5	* 2.4	* 1.3	6.6	* 2.5	* 0.0	9.1	4.8	27.2
Manufacturing	11.0	7.5	3.3	49.1	17.3	8.4	27.4	44.5	168.5
Electricity, gas and water	* 0.5	* 1.8	* 1.2	4.3	* 2.8	* 0.2	* 1.2	* 1.9	14.0
Construction	6.0	* 2.6	3.4	57.0	15.4	* 1.3	9.9	19.5	115.0
Wholesale and retail trade	29.0	5.3	3.1	38.4	36.4	119.8	9.3	35.6	277.0
Transport and storage	3.4	* 1.1	3.9	8.5	11.1	5.8	32.0	11.9	77.7
Communication	* 1.4	* 1.3	* 1.2	7.0	8.8	* 0.4	* 0.7	* 2.7	23.5
Finance, property and business services	8.9	19.9	3.6	* 2.8	51.2	26.8	* 2.2	13.0	128.4
Public administration and defence	* 2.3	* 2.7	4.3	3.5	17.6	* 0.3	5.8	7.5	44.1
Community services	4.9	77.6	34.6	5.7	34.0	18.0	* 2.7	31.9	209.4
Recreation, personal and other services	10.1	8.2	* 1.6	22.0	7.7	27.0	* 0.2	28.5	105.4
Total employed	133.1	131.1	63.3	208.2	206.8	208.3	104.1	226.4	1,281.2

TABLE 18 – EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION,
QUEENSLAND, AUGUST 1989
(*000)

Particulars	Brisbane Statistical Division				Total
	Brisbane City Inner Ring	Brisbane City Outer Ring	South and East BSD Balance	North and West BSD Balance	
Status of worker					
Wage and salary earners	153.1	172.8	92.1	109.4	527.5
Others	25.2	21.3	13.2	15.9	75.7
Industry division					
Agriculture, forestry, fishing and hunting	* 0.7	* 0.5	* 1.5	* 1.9	4.7
Mining	* 0.9	* 1.0	* 1.5	* 0.8	4.2
Manufacturing	19.6	29.1	21.4	22.3	92.5
Electricity, gas and water	* 1.4	2.2	* 0.7	* 1.7	6.1
Construction	13.9	17.2	13.4	9.5	54.0
Wholesale and retail trade	39.4	50.6	27.2	33.4	150.6
Transport and storage	9.5	13.9	6.3	5.9	35.6
Communication	3.6	4.2	3.0	3.2	14.1
Finance, property and business services	25.7	25.2	9.6	12.9	73.4
Public administration and defence	9.2	6.8	2.5	5.6	24.1
Community services	38.8	31.4	11.8	21.4	103.4
Recreation, personal and other services	15.5	12.0	6.4	6.7	40.4
Occupation group					
Managers and administrators	14.7	13.4	6.7	8.2	42.9
Professionals	35.0	22.4	8.0	6.5	71.9
Para-professionals	10.2	7.9	5.3	7.8	31.2
Tradespersons	21.6	28.2	19.6	24.0	93.5
Clerks	35.0	40.7	17.4	24.4	117.5
Salespersons and personal service workers	30.2	32.4	18.1	18.8	99.6
Plant and machine operators and drivers	7.5	15.7	9.2	10.3	42.7
Labourers and related workers	24.1	33.5	21.0	25.4	103.9
Total employed	178.3	194.1	105.3	125.4	603.2

TABLE 18 - EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION,
QUEENSLAND, AUGUST 1989 - *continued*
(^{'000})

Particulars	Balance of Queensland							Total	Total Queensland
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North		
Status of worker									
Wage and salary earners	94.4	56.5	50.0	66.9	115.2	83.2	59.9	526.2	1,053.6
Others	25.9	27.5	19.2	24.5	23.7	16.8	14.3	151.8	227.5
Industry division									
Agriculture, forestry, fishing and hunting	3.3	13.8	17.0	24.2	12.4	8.9	6.8	86.4	91.0
Mining	* 0.2	* 0.2	* 1.1	* 0.9	9.5	8.3	* 2.8	23.0	27.2
Manufacturing	16.3	9.1	9.9	9.8	16.8	7.4	6.6	76.0	168.5
Electricity, gas and water	* 0.5	* 0.9	* 1.4	* 0.8	* 2.0	* 1.7	* 0.7	7.9	14.0
Construction	21.1	10.8	4.4	5.2	8.7	4.9	6.1	61.0	115.0
Wholesale and retail trade	24.5	17.6	10.7	11.4	25.9	21.8	14.6	126.4	277.0
Transport and storage	4.8	2.6	* 2.3	6.6	13.0	9.1	3.8	42.1	77.7
Communication	* 0.8	* 1.5	* 0.8	* 0.7	2.4	2.4	* 0.9	9.4	23.5
Finance, property and business services	14.7	8.6	3.4	6.0	8.0	7.4	6.9	55.0	128.4
Public administration and defence	2.9	* 1.8	* 1.6	3.0	5.2	2.9	* 2.5	20.0	44.1
Community services	12.2	10.6	12.4	16.1	22.5	17.8	14.4	106.0	209.4
Recreation, personal and other services	19.0	6.6	4.3	6.7	12.6	7.5	8.2	64.9	105.4
Occupation group									
Managers and administrators	9.5	14.1	12.8	18.7	14.0	13.2	7.8	90.2	133.1
Professionals	9.4	7.4	6.8	7.5	11.2	10.4	6.4	59.1	131.1
Para-professionals	4.9	2.3	* 2.7	4.3	7.0	5.2	5.6	32.1	63.3
Tradespersons	25.6	16.8	10.2	13.0	22.2	16.1	10.8	114.8	208.2
Clerks	17.0	10.6	7.4	9.2	20.0	14.6	10.3	89.3	206.8
Salespersons and personal service workers	24.7	12.4	8.0	11.8	21.8	16.8	13.0	108.7	208.3
Plant and machine operators and drivers	10.6	4.8	6.2	7.5	18.0	8.2	6.2	61.4	104.1
Labourers and related workers	18.4	15.6	14.9	19.3	24.6	15.6	14.0	122.5	226.4
Total employed	120.3	84.0	69.2	91.4	138.9	100.1	74.2	678.0	1,281.2

TABLE 19 - UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

Duration of unemployment	1988			1989		
	June	July	August	June	July	August
MALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	7.2	6.7	9.4	10.0	10.4	10.2
4 and under 8 weeks	8.6	6.2	6.0	7.0	5.0	6.5
8 and under 13 weeks	4.3	5.7	4.6	4.3	5.9	4.9
13 and under 26 weeks	8.9	6.8	9.2	9.2	6.0	6.0
26 and under 52 weeks	9.3	9.2	11.0	5.4	8.1	8.5
52 weeks and over	18.3	18.9	14.9	13.6	13.1	13.2
Total unemployed	56.6	53.5	55.1	49.5	48.6	49.3
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	24	26	23	17	17	17
FEMALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	11.0	9.7	8.3	10.1	10.1	9.6
4 and under 8 weeks	5.1	5.0	5.0	6.0	6.8	6.5
8 and under 13 weeks	* 2.7	3.4	4.2	5.3	5.0	6.1
13 and under 26 weeks	11.4	6.2	5.4	9.5	5.9	6.4
26 and under 52 weeks	7.5	6.5	9.2	3.2	6.4	7.1
52 weeks and over	8.7	8.2	7.3	5.6	6.1	5.5
Total unemployed	46.3	39.0	39.5	39.7	40.3	41.2
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	17	14	15	10	8	11
PERSONS						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	18.2	16.4	17.8	20.1	20.5	19.8
4 and under 8 weeks	13.6	11.2	11.0	12.9	11.7	13.0
8 and under 13 weeks	7.0	9.1	8.9	9.6	11.0	10.9
13 and under 26 weeks	20.2	13.0	14.6	18.7	11.9	12.4
26 and under 52 weeks	16.8	15.7	20.1	8.6	14.5	15.6
52 weeks and over	27.0	27.1	22.3	19.2	19.2	18.7
Total unemployed	102.9	92.5	94.6	89.2	88.9	90.4
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	21	22	18	14	13	13

TABLE 20 - UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY STATISTICAL REGION, QUEENSLAND, AUGUST 1989

Region	Unemployed			Median duration of unemployment weeks
	Under 13 weeks	13 weeks and over	Total	
	'000	'000	'000	
MALES				
Brisbane Statistical Division	10.6	8.7	19.3	9
Brisbane City Inner Ring	2.3	2.5	4.8	* 23
Brisbane City Outer Ring	3.2	2.4	5.6	* 9
South and East BSD Balance	3.2	* 1.2	4.5	* 5
North and West BSD Balance	* 1.9	2.6	4.4	* 16
Balance of Queensland	11.0	19.0	30.0	23
South and East Moreton	2.1	2.9	5.1	* 13
North and West Moreton	* 1.4	3.6	5.0	* 30
Wide Bay-Burnett	* 1.2	3.7	4.9	* 46
Darling Downs and South-West	* 0.9	* 2.1	3.0	* 28
Mackay, Fitzroy and Central-West	* 1.6	3.8	5.3	* 26
Northern and North-West	* 1.4	2.3	3.7	* 22
Far North	* 2.4	* 0.6	3.0	* 4
Total Queensland	21.6	27.7	49.3	17
FEMALES				
Brisbane Statistical Division	11.3	7.0	18.2	8
Brisbane City Inner Ring	5.0	* 1.2	6.2	* 5
Brisbane City Outer Ring	2.2	* 1.3	3.6	* 11
South and East BSD Balance	2.3	2.4	4.7	* 13
North and West BSD Balance	* 1.8	* 2.0	3.8	* 14
Balance of Queensland	10.9	12.0	22.9	14
South and East Moreton	* 1.3	2.4	3.7	* 24
North and West Moreton	* 2.0	2.3	4.3	* 14
Wide Bay-Burnett	* 1.8	* 1.6	3.3	* 12
Darling Downs and South-West	* 1.2	* 1.4	2.6	* 18
Mackay, Fitzroy and Central-West	* 2.0	2.7	4.7	* 14
Northern and North-West	* 1.3	* 1.1	2.4	* 12
Far North	* 1.3	* 0.5	* 1.9	* 5
Total Queensland	22.2	19.0	41.2	11
PERSONS				
Brisbane Statistical Division	21.8	15.6	37.5	8
Brisbane City Inner Ring	7.3	3.7	10.9	6
Brisbane City Outer Ring	5.4	3.8	9.2	* 11
South and East BSD Balance	5.5	3.7	9.2	* 6
North and West BSD Balance	3.6	4.6	8.2	* 16
Balance of Queensland	21.9	31.0	53.0	20
South and East Moreton	3.5	5.3	8.8	* 15
North and West Moreton	3.4	5.9	9.3	* 21
Wide Bay-Burnett	3.0	5.3	8.2	* 29
Darling Downs and South-West	* 2.1	3.5	5.6	* 26
Mackay, Fitzroy and Central-West	3.6	6.5	10.1	* 24
Northern and North-West	2.7	3.5	6.1	* 20
Far North	3.8	* 1.1	4.9	* 4
Total Queensland	43.8	46.7	90.4	13

TABLE 21 - UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: BIRTHPLACE BY AGE, QUEENSLAND, AUGUST 1989

Particulars	Unemployed			Unemployment rate		
	Males	Females	Persons	Males	Females	Persons
	'000	'000	'000	%	%	%
BORN IN AUSTRALIA						
Age group (years)						
15-19	12.0	10.2	22.2	16.0	15.3	15.7
20-24	9.3	6.9	16.3	10.2	9.3	9.8
25-34	8.7	7.9	16.6	4.9	6.7	5.6
35-44	4.4	4.6	9.0	2.9	3.9	3.3
45-54	* 2.4	3.1	5.5	* 2.4	5.1	3.4
55 and over	3.5	* 0.3	3.9	5.6	* 1.4	4.5
Looking for full-time work	34.8	23.2	57.9	5.8	8.4	6.6
Looking for part-time work	5.6	10.0	15.6	9.6	5.3	6.3
Total	40.3	33.1	73.5	6.1	7.2	6.5
BORN OUTSIDE AUSTRALIA						
Age group (years)						
15-19	* 0.4	* 1.2	* 1.6	* 7.0	* 15.4	* 12.2
20-24	* 0.9	* 2.1	3.0	* 7.1	* 17.6	12.1
25-34	* 1.9	* 1.6	3.5	* 5.2	* 7.2	6.0
35-44	* 2.3	* 1.7	4.1	* 5.7	* 6.2	5.9
45-54	* 1.4	* 0.9	* 2.2	* 3.9	* 4.6	* 4.1
55 and over	* 2.1	* 0.5	* 2.6	* 10.2	* 8.3	* 9.7
Looking for full-time work	8.4	6.4	14.8	6.0	11.3	7.5
Looking for part-time work	* 0.5	* 1.6	* 2.2	* 4.9	* 4.2	* 4.4
Total	8.9	8.1	17.0	5.9	8.5	6.9
Main English-speaking countries (a)	5.5	4.2	9.6	5.8	6.9	6.2
Other	3.5	3.9	7.4	6.1	11.2	8.1

(a) Comprises the United Kingdom, Ireland, Canada, the United States of America, South Africa and New Zealand.

TABLE 22 - UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, QUEENSLAND

Unemployment category, industry division and occupation group	August 1988		November 1988		February 1989		May 1989		August 1989	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	'000	%	'000	%	'000	%	'000	%	'000	%
Persons who had worked full-time for 2 weeks or more in the last 2 years	57.2	4.5	49.9	3.9	63.1	4.8	52.0	3.9	54.4	4.1
Industry division										
Agriculture, forestry, fishing and hunting	5.5	6.0	* 2.8	* 3.2	6.7	6.9	3.5	3.6	3.4	3.6
Manufacturing	10.1	6.3	9.9	6.0	9.5	5.6	8.7	4.8	10.1	5.7
Construction	4.2	3.9	4.3	4.0	5.1	4.3	6.4	5.4	6.6	5.4
Wholesale and retail trade	15.8	5.8	12.0	4.2	14.4	5.1	9.7	3.4	14.4	4.9
Community services	5.4	2.6	4.0	1.9	5.6	2.7	5.8	2.7	5.0	2.3
Recreation, personal and other services	6.3	5.7	8.1	7.3	9.4	8.6	7.8	7.0	5.6	5.1
Other industries	9.8	3.2	8.7	2.8	12.4	3.9	10.0	3.1	9.3	2.9
Occupation group										
Managers and administrators	* 2.3	* 1.9	* 1.5	* 1.2	* 2.3	* 1.7	* 2.6	* 1.9	* 2.2	* 1.6
Professionals	* 2.2	* 1.7	* 2.2	* 1.7	* 1.4	* 1.2	* 2.5	* 1.8	* 2.6	* 2.0
Para-professionals	* 1.4	* 2.0	* 0.7	* 1.0	* 1.4	* 2.0	* 0.9	* 1.3	* 1.9	* 2.9
Tradespersons	9.3	4.5	7.8	3.6	8.4	3.8	7.7	3.4	6.9	3.2
Clerks	5.3	2.7	5.5	2.7	7.3	3.5	7.0	3.2	7.6	3.6
Salespersons and personal service workers	12.2	5.6	11.0	5.1	13.2	6.2	9.8	4.5	10.9	4.9
Plant and machine operators and drivers	6.4	6.6	5.9	5.7	6.9	6.8	6.0	6.0	3.7	3.4
Labourers and related workers	17.9	8.3	15.2	6.8	21.9	9.4	15.4	6.4	18.4	7.5
Reason for ceasing last full-time job										
Job loser										
Laid off, retrenched	24.6	..	21.8	..	22.0	..	19.8	..	23.3	..
Other	12.7	..	12.1	..	15.5	..	11.6	..	9.9	..
Job leaver	19.8	..	16.0	..	25.7	..	20.6	..	21.2	..
Other										
Persons looking for first job	10.1	..	10.0	..	13.7	..	9.5	..	8.5	..
Former workers	25.3	..	27.0	..	35.4	..	30.3	..	25.5	..
Persons stood down	* 2.0	..	* 2.9	..	* 2.0	..	3.0	..	* 2.1	..
Total unemployed	94.6	7.3	89.7	6.8	114.3	8.4	94.8	6.9	90.4	6.6
Looking for full-time work	80.6	7.9	71.5	6.8	89.6	8.3	72.5	6.7	72.7	6.8
Looking for part-time work	14.0	5.2	18.1	6.7	24.6	8.8	22.3	7.7	17.7	6.0

TABLE 23 - WEEKLY EARNINGS IN MAIN JOB: PERMANENT OR CASUAL EMPLOYEES, QUEENSLAND, AUGUST 1988

Weekly earnings in main job	Permanent employees			Casual employees			Cumulative proportion of total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
	'000	'000	'000	'000	'000	'000	%	%	%
Under \$120	3.2	4.8	7.8	23.8	61.2	85.0	4.8	17.2	9.8
\$120 - 159	8.3	11.7	20.0	4.9	21.0	25.8	7.1	25.7	14.6
\$160 - 199	11.0	15.1	26.2	4.7	18.1	22.8	9.9	34.3	19.8
\$200 - 239	14.4	18.9	33.3	6.2	14.6	20.8	13.6	43.0	25.5
\$240 - 279	25.8	26.3	52.1	4.6	11.7	16.3	19.0	52.9	32.7
\$280 - 319	46.6	40.0	86.6	5.6	8.4	14.0	28.3	65.5	43.4
\$320 - 359	49.3	30.9	80.2	5.6	6.7	12.2	38.1	75.3	53.2
\$360 - 399	54.7	23.2	77.9	5.5	3.2	8.7	48.8	82.2	62.4
\$400 - 439	52.3	18.6	70.9	4.4	* 2.1	6.5	58.9	87.6	70.6
\$440 - 479	37.5	9.1	46.6	3.1	* 0.9	4.04	66.2	90.2	76.0
\$480 - 519	39.7	12.9	52.6	5.3	* 0.5	5.8	74.2	93.7	82.2
\$520 - 559	27.4	6.9	34.3	* 2.0	* 0.7	* 2.7	79.4	95.7	86.1
\$560 - 599	21.6	4.7	26.3	* 1.7	* 0.4	* 2.1	83.6	97.0	89.1
\$600 - 639	17.1	4.0	21.1	* 1.1	* 0.0	* 1.1	86.9	98.0	91.5
\$640 - 679	13.7	* 2.1	15.8	* 0.4	* 0.2	* 0.6	89.4	* 98.6	93.2
\$680 - 719	11.4	* 0.2	11.6	* 1.1	* 0.0	* 1.1	91.6	* 98.6	94.5
\$720 - 759	8.8	* 1.8	10.6	* 0.7	* 0.2	* 0.9	93.3	* 99.1	95.7
\$760 - 799	9.0	* 0.2	9.2	* 0.7	* 0.2	* 0.9	95.0	* 99.2	96.8
\$800 and over	25.6	* 1.6	27.2	* 1.8	* 0.9	* 2.7	100.0	* 100.0	100.0
Total	477.5	232.9	710.4	83.0	151.0	234.0	..	..	..
Mean weekly earnings in main job	\$ 460	\$ 341	\$ 421	\$ 294	\$ 169	\$ 213	\$ 436	\$ 274	\$ 370

Source: Weekly Earnings of Employees (Distribution) Australia, August 1988 (6310.0).

TABLE 24 - LABOUR MOBILITY DURING THE YEAR ENDING FEBRUARY 1989, QUEENSLAND

Particulars	Working in February 1988	Not working in February 1988	Total	Working in February 1988	Not working in February 1988	Total
	'000	'000	'000	%	%	%
Working in February 1989	1,089.0	147.8	1,236.8	92.7	74.3	90.0
For one year or more in current job	834.6	..	834.6	71.0	..	60.7
For less than one year in current job	254.5	147.8	402.2	21.7	74.3	29.3
Same industry as February 1988 job	156.1	..	156.2	13.3	..	11.4
Changed industry from February 1988 job	98.3	..	98.3	8.4	..	7.2
Same occupation as February 1988 job	176.0	..	176.0	15.0	..	12.8
Changed occupation from February 1988 job	78.5	..	78.5	6.7	..	5.7
Looking for work in February 1989	33.1	22.5	55.7	* 2.8	11.3	4.1
Not in the labour force in February 1989	53.0	28.7	81.6	4.5	14.4	5.9
Total	1,175.2	199.0	1,374.1	100.0	100.0	100.0

Source: Labour Mobility Australia, February 1989 (6209.0).

TABLE 25 - LABOUR FORCE STATUS: EDUCATIONAL ATTENDANCE OF PERSONS AGED 15 TO 24 YEARS, QUEENSLAND, SEPTEMBER 1988

Educational attendance	Employed			Unem- ployed	Labour force	Not in labour force	Total	Unemploy- ment rate	Partici- pation rate
	Full-time	Part-time	Total						
	'000	'000	'000	'000	'000	'000	'000	%	%
Attending School	* 1.3	30.6	31.9	8.5	40.4	66.0	106.4	21.1	38.0
University	2.9	6.2	9.1	* 1.0	10.1	8.9	19.0	* 10.0	53.2
Full-time	* 0.7	5.6	6.3	* 0.8	7.2	8.7	15.9	* 11.8	45.2
Part-time	* 2.2	* 0.5	2.7	* 0.2	2.9	* 0.2	3.1	* 5.5	94.8
CAE	4.3	6.0	10.4	* 0.8	11.1	5.9	17.0	* 6.7	65.5
Full-time	* 0.5	5.5	6.0	* 0.4	6.4	5.9	12.2	* 5.5	52.1
Part-time	3.8	* 0.6	4.4	* 0.4	4.8	* 0.0	4.8	* 8.7	100.0
TAFE/Technical College	12.0	2.9	14.9	* 0.9	15.8	3.4	19.2	* 5.7	82.4
Full-time	* 1.2	* 2.2	3.3	* 0.4	3.7	3.0	6.8	* 10.2	55.2
Part-time	10.8	* 0.7	11.6	* 0.5	12.1	* 0.4	12.4	* 4.3	97.1
Other	* 1.8	* 0.9	2.7	* 0.4	3.0	* 0.6	3.6	* 12.2	84.0
Full-time	* 0.0	* 0.4	* 0.4	* 0.2	* 0.5	* 0.2	* 0.7	* 30.6	* 73.0
Part-time	* 1.8	* 0.5	* 2.3	* 0.2	2.5	* 0.4	2.9	* 8.2	86.8
Total	22.3	46.6	68.9	11.6	80.5	84.7	165.2	14.4	48.7
Full-time	3.5	44.3	47.8	10.3	58.1	83.6	141.7	17.7	41.0
Part-time	18.8	* 2.4	21.1	* 1.3	22.4	* 1.1	23.5	* 5.8	95.5
Not attending an educational institution	197.1	27.7	224.8	31.6	256.4	32.0	288.4	12.3	88.9
Total	219.5	74.3	293.7	43.2	336.9	116.7	453.6	12.8	74.3

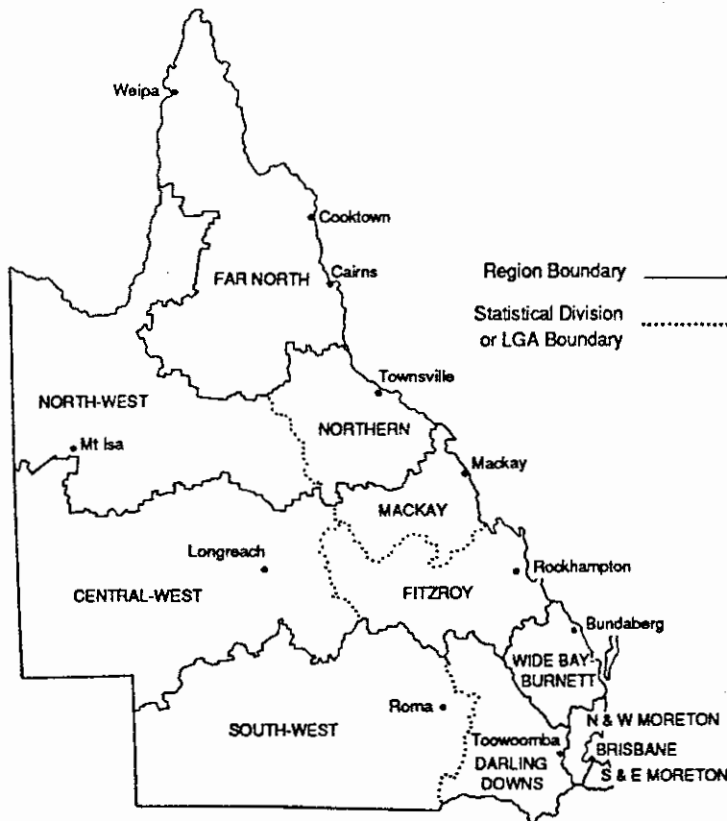
Source: Labour Force Status and Educational Attendance (Persons aged 15 to 24) Australia, September 1988 (6272.0).

TABLE 26 - LABOUR FORCE STATUS: EDUCATIONAL ATTAINMENT, QUEENSLAND, FEBRUARY 1989

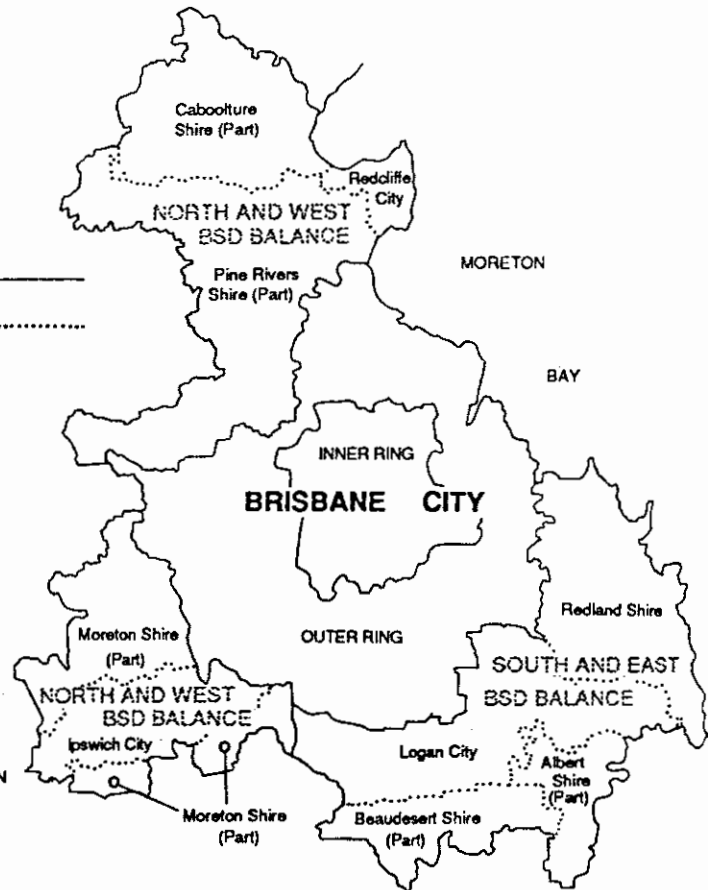
Educational attainment	Employed			Unem- ployed	labour force	Not in labour force	Total	Unemploy- ment rate	Partici- pation rate
	Full-time	Part-time	Total						
	'000	'000	'000	'000	'000	'000	'000	%	%
With post-school qualifications	469.1	76.6	545.7	31.3	577.0	189.4	766.4	5.4	75.3
Degree	82.7	11.1	93.8	3.5	97.3	20.8	118.1	3.6	82.4
Trade qualification or apprenticeship	221.1	13.1	234.2	10.2	244.4	69.2	313.6	4.2	77.9
Certificate or diploma	164.1	51.3	215.4	17.1	232.5	97.1	329.5	7.3	70.5
Other	* 1.3	* 1.1	* 2.3	* 0.5	* 2.9	* 2.3	5.2	* 18.9	* 55.4
Without post-school qualifications	507.0	153.8	660.8	73.6	734.4	496.9	1,231.3	6.0	59.7
Attended highest level of secondary school available	126.6	37.8	164.4	23.2	187.6	58.7	246.4	12.4	76.2
Did not attend highest level of secondary school available	375.0	113.5	488.6	49.0	537.5	429.0	966.6	9.1	55.6
Left at age									
16 years or over	114.1	36.4	150.5	14.8	165.3	79.6	244.9	8.9	67.5
18 years or over	3.7	* 0.7	4.4	* 0.4	4.8	3.7	8.5	* 7.9	56.6
16 or 17 years	110.3	35.7	146.0	14.4	160.4	76.0	236.4	9.0	67.9
15 years or under	261.0	77.1	338.1	34.2	372.3	349.4	721.7	9.2	51.6
14 or 15 years	229.3	67.5	296.8	31.1	327.9	272.0	599.9	9.5	54.7
13 years or under	31.7	9.6	41.3	3.1	44.4	77.4	121.8	6.9	36.4
Never attended school	* 0.6	* 0.5	* 1.1	* 0.0	* 1.1	4.6	5.7	* 0.0	* 19.5
Still at school	* 0.6	25.6	26.2	7.0	33.2	58.5	91.7	21.2	36.2
Total	974.3	255.1	1,229.4	111.2	1,340.6	742.5	2,083.0	8.3	64.4

Source: Labour Force Status and Educational Attainment, Australia, February 1989 (6204.0).

STATISTICAL REGIONS, QUEENSLAND



STATISTICAL REGIONS, BRISBANE STATISTICAL DIVISION



Brisbane City Inner Ring

Albion	Clayfield	Highgate Hill	Red Hill
Alderley	Coorparoo	Holland Park	Sherwood
Annerley	Corinda	Holland Park West	South Brisbane
Ascot	Dutton Park	Indooroopilly	Spring Hill
Ashgrove	East Brisbane	Kangaroo Point	St Lucia
Balmoral	Enoggera (including Military Camp)	Kedron	Stafford
Bardon	Fairfield	Kelvin Grove	Stafford Heights
Bowen Hills	Fortitude Valley - Inner	Lutwyche	Taringa
Bulimba	Fortitude Valley - Remainder	Milton	Tarragindi
Camp Hill	Graceville	Moorooka	Toowong
Cannon Hill	Grange	Morningside	West End
Carina	Greenslopes	New Farm	Wilston
Carina Heights	Hamilton	Newmarket	Windsor
Carindale	Hawthorne	Newstead	Woolloongabba
Chelmer	Hendra	Norman Park	Woolloowin
City - Inner	Herston	Nundah	Yeerongpilly
City - Remainder		Paddington	Yeronga

GLOSSARY

Attending school. Persons aged 15 to 19 years who, during the reference week, were enrolled full-time at secondary or high schools.

Attending tertiary educational institution full-time. Persons aged 15 to 24 years who, during the reference week, were enrolled full-time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges.

Average hours worked. Aggregate hours worked by a group divided by the number of persons in that group.

Average duration of unemployment. For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

Dependants. All family members under 15 years of age, all family members aged 15 to 19 years attending school and all family members aged 15 to 24 years attending a tertiary educational institution full-time.

Duration of unemployment. The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for 2 weeks or more to the end of the reference week.

Employed. Persons aged 15 years and over who, during the reference week:

- (a) worked for 1 hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for 1 hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than 4 weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than 4 weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

Family. Two or more related persons (including relationships by blood, marriage or adoption) usually resident in the same household at the time of the survey.

A family comprises a married couple or a family head as defined, together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own or
- (c) any children under 15 years of age who do not have a parent present.

Family head. The parent in the case of a one-parent family or in the case of other groups of related persons, generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

Former workers. Unemployed persons who have previously worked full-time for 2 weeks or more but not in the past 2 years.

Full-time workers. Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

Hours worked. The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.

Job leavers. Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job voluntarily*, that is, because of unsatisfactory work arrangements, pay or hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties; or any other reasons.

Job losers. Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job involuntarily*, that is, were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal or temporary and they did not leave that job to return to studies; or their last job was running their own business and the business closed down because of financial difficulties.

Industry. Classified according to the *Australian Standard Industrial Classification (ASIC), 1983* (Catalogue Nos. 1201.0 and 1202.0).

Labour force. For any group, persons who were employed or unemployed, as defined.

Labour force status. A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

GLOSSARY – continued

Marital status. Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

Median duration of unemployment. The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

Not a member of a family. A person who is not related to any other member of the household in which they are living.

Not in the labour force. Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums etc.), trainee teachers, members of contemplative religious orders and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

Occupation. Classified according to the *Australian Standard Classification of Occupations (ASCO), 1986* (Catalogue No. 1222.0).

Other families. One-parent families and families in which there is no parent, for example a family head living with a brother or sister.

Participation rate. For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

Part-time workers. Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

Seasonally adjusted series. A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 21 of the Explanatory Notes for more detail.

Statistical Regions. Classified according to the Australian Standard Geographical Classification (ASGC), Edition 7.

Status of worker. Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

Trends series. A smoothed seasonally adjusted series of estimates. See paragraphs 22 and 23 of the Explanatory Notes for more detail.

Unemployed. Persons aged 15 years and over who were not employed during the reference week and:

- (a) had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:
 - (i) were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week) or
 - (ii) were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or
- (b) were waiting to be called back to a full-time or part-time job which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons others than bad weather or plant breakdown.

Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

Unemployed looking for full-time work. Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

Unemployed looking for part-time work. Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

Unemployment rate. For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

EXPLANATORY NOTES

Supplementary and Special Surveys

Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on the last page of this publication.

2. Summary tables from supplementary surveys released since the previous issue of this publication are included from page 26.

The Population Survey

3. The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels etc.) and usually covers slightly more than three-fifths of 1 per cent of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week).

Scope

4. The labour force survey includes all persons aged 15 years and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from Census and estimated populations;
- (c) overseas residents in Australia and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Coverage

5. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraphs 25 to 27 for information about the effect of the coverage rules on family statistics.

6. Persons who are away overseas from their usual residence for less than 6 weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual

residents present at the time of the survey. Persons who, at the time of interview, are overseas for 6 weeks or more but for less than 12 months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

Population Benchmarks

7. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in the ABS publication *Australian Demographic Statistics Quarterly* (Catalogue No. 3101.0) because they are necessarily derived from incomplete information about population changes.

8. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

9. While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

Revision of Series

10. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each Census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing. This affected all the monthly estimates from January 1984 to January 1989.

11. From September 1987, regional estimates were based on statistical regions. Prior to September 1987, estimates were based on differently composed dissemination regions.

12. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

EXPLANATORY NOTES – continued

Revision of Series – continued

13. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

14. The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in Information Paper: *Questionnaires Used in the Labour Force Survey* (Catalogue No. 6332.0) in March 1978, December 1981, August 1984 and June 1986.

Comparability of Series

15. As noted in paragraph 10, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

16. Regional estimates were based on statistical regions from September 1987. They are not comparable to estimates prior to that date which were based on differently composed dissemination regions.

17. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (Catalogue No. 6263.0).

Survey Sample Redesign

18. The Labour Force Survey sample has been redesigned and reselected using information collected in the 1986 Census of Population and Housing. The new sample was phased in over the period September to December 1987. For details, see Information Paper: *Labour Force Survey – Sample Design* (Catalogue No. 6269.0).

19. The sampling fraction differs for States and Territories to enable estimates of reasonable accuracy to be produced at State level as well as for Australia. The sampling fraction for Queensland is one in 160.

Reliability of Estimates

20. Estimates in this publication are subject to two sources of error.

(a) *Sampling error.* Since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.

(b) *Non-sampling error.* Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Seasonal Adjustment

21. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

Trend Estimation

22. Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13 term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

23. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

Month-to-month Movements

24. Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 20.

EXPLANATORY NOTES – continued

Family Labour Force Status and Other Characteristics

25. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families.

26. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may, at the time of the survey, be enumerated as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information was not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels and hospitals and other institutions) and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

27. In addition, in those private dwellings where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information could not be obtained from each usual resident. Similarly, families which at the time of the survey have one or more of their members away from the usual residence, are also excluded from family determination. A summary of those persons for whom family information was obtained, as well as those usual residents of private dwellings for whom complete family information could not be obtained, and those persons specifically excluded from the family determination procedures is contained in Table 12. Generally, family status is determined for more than 90 per cent of all civilians aged 15 years and over.

Related Publications

28. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia, Preliminary (6202.0) – Monthly (\$8.00)

The Labour Force, Australia (6203.0) – Monthly (\$12.00)

The Labour Force, Australia, Historical Summary (6204.0) – Latest issue: 1966 to 1984

Monthly Summary of Statistics (1304.3) – Monthly (\$7.50)

Economic Indicators (1307.3) – Monthly (\$4.50)

Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) – Latest issue: July 1985

Information Paper: *A Guide to Smoothing Time Series – Estimates of 'Trend'* (1316.0) – Latest issue: 1987

Information Paper: *Time Series Decomposition – an Overview* (1317.0) – Latest issue: 1987

Information Paper: *Labour Force Survey – Sample Design* (6269.0) – Latest issue: August 1987

Information Paper: *Labour Force Survey – Measuring Teenage Unemployment* (6270.0) – Latest issue: October 1987

29. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Catalogue No. 1101.0) and those produced by the Queensland Office are listed in *List of Publications* (Catalogue No. 1101.3). A *Publications Advice* (Catalogue No. 1105.0) is issued on Tuesdays and Fridays which lists publications to be released in the next few days. These publications are available from any ABS Office.

Unpublished Statistics

30. The ABS can also make available unpublished labour force data on floppy disk, microfiche, photocopy, computer printout or clerically extracted tabulation. Generally, a charge is made for providing unpublished statistics.

31. For further information contact Bevin Morris by telephoning Brisbane (07) 222 6029, or write to Information Services at the Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

Symbols and Other Usages

n.a. Not available.

.. Not applicable.

* Subject to sampling variability too high for most practical uses. (See Technical Notes, paragraph 8 regarding reliability of the estimates.)

32. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

TECHNICAL NOTES

Estimation Procedure

The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

2. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

Data Quality

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. *Non-sampling* error is explained in the Explanatory Notes, paragraph 20(b). The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

Standard error of estimates

4. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE).

5. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.

6. The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example following Table A).

7. Standard errors for some estimates, e.g. unemployment, are higher than those shown in the tables.

Methods for calculating the standard errors of these estimates are shown in the table below.

Relative standard error

8. Another measure of sampling variability is the *relative standard error* (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

9. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

Standard error of movement

10. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in Table B. These estimates apply only to estimates of movements between two consecutive months.

11. Movements between corresponding months of consecutive quarters i.e. *quarterly movements*, can be obtained by multiplying the figure in Table B by 1.22. Standard errors of movements between corresponding months of consecutive years, i.e. *annual movements*, can be obtained by multiplying the figures in Table A by 1.3. When using Tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

<i>Measure of reliability to be determined</i>	<i>Method</i>
Standard errors of estimates of employed persons.	Determine the SE from Table A directly.
Standard errors of estimates of unemployed persons.	Multiply the SE from Table A by 0.97.
Standard errors of estimates of persons not in the labour force.	Multiply the SE from Table A by 0.6.
Standard errors of rates (e.g. the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force).	Determine the RSE of the numerator (x) and the denominator (y) then apply the following formula. $RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$
Standard error of average hours worked.	Determine the RSE for the number of persons on which the average is based and multiply this by 0.7.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the median is based and multiply this by 2.0.
Standard error of monthly movements.	Using Table B, look up the SE of the larger estimate.
Standard error of quarterly movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.22.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

TECHNICAL NOTES – continued

TABLE A – STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane (BSD) Statistical Regions			
			Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	440	43.7	340	350	370	370
1,200	480	39.9	380	390	410	400
1,500	530	35.5	420	440	460	450
1,800	580	32.4	470	480	500	500
2,000	610	30.6	490	510	530	530
2,400	670	27.8	540	560	580	580
2,500	680	27.3	550	570	600	590
3,000	740	24.8	610	630	660	650
3,500	800	22.8	660	680	710	700
4,000	850	21.2	710	730	760	760
4,500	900	19.9	750	770	810	800
5,000	940	18.8	800	820	860	850
6,000	1,000	17.1	880	900	940	940
8,000	1,150	14.6	1,000	1,050	1,100	1,100
10,000	1,300	12.9	1,150	1,200	1,250	1,200
20,000	1,750	8.7	1,650	1,700	1,800	1,750
30,000	2,100	6.9	2,050	2,100	2,200	2,200
40,000	2,350	5.9	2,350	2,450	2,550	2,550
50,000	2,600	5.2	2,650	2,750	2,850	2,850
100,000	3,400	3.4	3,850	3,950	4,150	4,100
200,000	4,500	2.2	5,500	5,700	5,900	5,900
300,000	5,200	1.7	6,800	7,000	7,400	7,300
500,000	6,300	1.3	8,900	9,200	9,600	9,500
1,000,000	8,100	0.8	12,800	13,200	13,800	13,700
2,000,000	10,300	0.5	18,500	19,000	19,900	19,700

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay– Burnett	Darling Downs and South–West	Mackay, Fitzroy and Central–West	Northern and North–West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	350	370	390	380	380	350	400
1,200	380	410	430	410	410	390	440
1,500	430	460	480	460	470	440	500
1,800	470	500	530	510	510	480	550
2,000	500	530	560	540	540	510	580
2,400	550	580	610	590	600	560	630
2,500	560	600	630	610	610	570	650
3,000	620	660	690	670	670	630	710
3,500	670	710	750	720	730	680	770
4,000	720	760	800	780	780	730	830
4,500	760	810	850	830	830	780	880
5,000	810	860	900	870	880	820	930
6,000	890	940	990	960	960	910	1,050
8,000	1,050	1,100	1,150	1,100	1,100	1,050	1,200
10,000	1,150	1,250	1,300	1,250	1,250	1,200	1,350
20,000	1,650	1,750	1,850	1,800	1,800	1,700	1,950
30,000	2,050	2,200	2,300	2,250	2,250	2,100	2,400
40,000	2,400	2,550	2,700	2,600	2,600	2,450	2,800
50,000	2,700	2,850	3,000	2,950	2,950	2,750	3,100
100,000	3,900	4,150	4,350	4,200	4,200	3,950	4,500
200,000	5,600	5,900	6,200	6,100	6,100	5,700	6,500

TECHNICAL NOTES – continued

Linear Interpolation

Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the *size of estimate* column in Tables A or B. Linear interpolation is best described using an example. In May 1989 there were 519,000 (X_e) employed females in Queensland. This estimate falls between the values 500,000 (X_l) and 1,000,000 (X_u) in Table A.

The standard error of the estimate is determined as follows:

$$\begin{aligned} \text{Firstly calculate } F &= \frac{X_e - X_l}{X_u - X_l} \\ &= \frac{519,000 - 500,000}{1,000,000 - 500,000} \\ &= 0.038 \end{aligned}$$

Secondly, calculate the standard error of the estimate, $SE(X_e)$ thus,

$$\begin{aligned} SE(X_e) &= SE(X_l) + F[SE(X_u) - SE(X_l)] \\ &= 6,300 + 0.038 \times [8,100 - 6,300] \\ &= 6,368 \\ &= 6,400 \text{ rounding to the nearest 100.} \end{aligned}$$

Therefore the standard error of the number of employed females in Queensland in May 1989 (519,000) is 6,400.

TABLE B – STANDARD ERRORS OF MONTHLY MOVEMENTS FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane (BSD) Statistical Regions			
			Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	520	52.3	300	280	230	290
1,500	600	40.1	360	340	270	350
2,000	660	33.2	410	380	310	390
2,500	450	28.6	450	420	340	430
3,000	760	25.4	490	460	360	470
4,000	840	21.0	550	520	410	530
5,000	910	18.2	610	570	460	590
6,000	970	16.1	660	620	490	640
8,000	1,050	13.3	740	700	560	720
10,000	1,150	11.5	820	770	610	790
20,000	1,450	7.3	1,100	1,050	830	1,050
30,000	1,700	5.6	1,300	1,250	990	1,300
40,000	1,850	4.6	1,500	1,400	1,100	1,450
50,000	2,000	4.0	1,650	1,550	1,250	1,600
100,000	2,550	2.5	2,200	2,100	1,650	2,150
200,000	3,200	1.6	3,000	2,850	2,250	2,900

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	260	270	310	290	310	290	260
1,500	310	320	370	350	370	350	310
2,000	350	360	410	400	420	400	350
2,500	390	400	460	440	460	440	390
3,000	420	430	490	470	500	470	420
4,000	480	490	560	540	560	540	480
5,000	520	540	620	590	620	590	530
6,000	570	590	670	640	670	640	570
8,000	640	660	760	720	760	720	640
10,000	710	730	830	800	840	800	710
20,000	960	990	1,150	1,100	1,150	1,100	960
30,000	1,150	1,200	1,350	1,300	1,350	1,300	1,150
40,000	1,300	1,350	1,500	1,450	1,550	1,450	1,300
50,000	1,400	1,450	1,700	1,600	1,700	1,600	1,450
100,000	1,900	2,000	2,250	2,150	2,250	2,150	1,950
200,000	2,600	..	..	2,950	3,050	2,900	..

APPENDIX

SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia – Latest issue September to November 1986	6341.0
Annual and Long Service Leave Taken, Australia, May 1983 to April 1984	6317.0
Child Care Arrangements – Latest issue June 1987	4402.0
Employment Benefits, Annual – Latest issue August 1988	6334.0
Income Distribution Survey, Australia, Persons with Earned Income, 1986	6546.0
Job Search Experience of Unemployed Persons, Australia, Two-yearly – Latest issue July 1988	6222.0
Labour Force Experience, Annual – Latest issue February 1989	6206.0
Labour Force Status and Educational Attainment, Australia, Annual – Latest issue February 1988	6235.0
Labour Force Status and Educational Attainment, Australia, Summary, Annual – Latest issue February 1989	6240.0
Labour Force Status and Educational Attendance (Persons Aged 15 to 24), Annual – First issue September 1988	6272.0
Labour Force Status and Other Characteristics of Families, Annual – Latest issue June 1988	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia, March 1987 (previously: Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived after 1960)	6250.0
Labour Mobility, Annual – Latest issue February 1989	6209.0
Multiple Jobholding, Two-yearly – Latest issue August 1987	6216.0
Persons Employed at Home – April 1989	6275.0
Persons Who Intended to Retire from Full-time Work, Australia, September 1984	6258.0
Persons Not in the Labour Force, Australia, Twice-yearly – Latest issue September 1988	6220.0
Persons Who Had Re-entered the Labour Force, Australia – Latest issue May 1987	6264.0
Persons Who Have Left the Labour Force, Australia – Latest issue April 1988	6267.0
Retirement and Retirement Intentions, Australia, November 1986 (previously: Persons Retired from Full-time Work)	6238.0
Successful and Unsuccessful Job Search Experience, June 1986 (previously: Methods of Obtaining Jobs)	6245.0
Superannuation, Australia – Latest issue November 1988	6319.0
Trade Union Members – Latest issue August 1988	6325.0
Transition From Education to Work, Annual – Latest issue May 1988	6227.0
Underemployed Workers, May 1988	6265.0
Weekly Earnings of Employees (Distribution), Annual – Latest issue August 1988	6310.0



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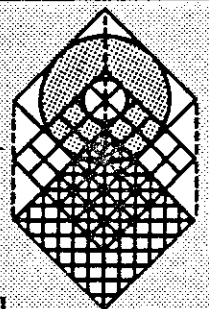
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